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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

SERVICE AND REGULATORY ANNOUNCEMENTS**LIST OF INTERCEPTED PLANT PESTS, 1952**

(List of Pests Recorded from July 1, 1951, through June 30, 1952, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

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INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between both Hawaii and Puerto Rico and the mainland. It covers the thirty-ninth year for which interception lists have been issued.

Because⁴ of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included unless they are of particular interest.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

From many parts of the world have come importations of various seeds, fruits, bulbs, corms, rhizomes, plants, and plant products. An increasing number of arrivals by air bring added plant pathogens and pests, of which the golden nematode and the fruit flies continue to be most important.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Frequent interceptions of air-borne plant pests have been made in baggage, express, freight, mail, and stores. During the year 2,436 interceptions were made of insects on imported plant parts or as stowaways, and 329 interceptions of plant diseases. Slightly less than one-third of the diseases were determined as to genus only, but from the evidence offered little or no risk to the United States. Occasionally pests unknown to this country but known to cause disease in the country of origin were intercepted. Some of the most injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Some important insects found in air-borne material were:

Acalypta parvula in forest litter, moss, and soil used as packing material in baggage from Spain.

Adoxophes orana on cut flowers of lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of sour lime in baggage from Cuba and Mexico, on *Citrus* sp. leaves in baggage from Jamaica, Mexico, and Panama.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Guatemala and Mexico; in orange in baggage from Mexico, in orange in stores from Guatemala; the West Indian fruit fly (*A. mombinpraepotans*) in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in yellow mombin in baggage from Costa Rica, Guatemala, Nicaragua, and Salvador, in yellow mombin in stores from Salvador, in unidentified fruit in baggage from Salvador; *A. serpentina* in mamey in baggage from Colombia, in sapodilla in baggage from Ecuador, in sapote (*Calocarpum sapota*) in baggage from Nicaragua; *A. suspensa* in guava in baggage from Cuba and Mexico.

Brachycerus albidentatus in garlic in cargo from Italy.

The black vine weevil (*Brachyrhinus sulcatus*) in grape in stores from Belgium.

The Mediterranean fruit fly (*Ceratitidis capitata*) in *Annona* sp. in baggage from Portugal, in apple in stores from France, in cactus in baggage from Italy, in fig in baggage from Italy, in grape in stores from France, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Italy, in Mandarin orange in stores from Portugal and Spain, in mango in baggage from the Madeira Islands, in orange in baggage from Portugal and Spain, in orange in stores from Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, and Portugal, in pear in baggage from Greece, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in pricklypear in baggage from Italy; *C. capitata* (?) in coffee berry in baggage from Hawaii.

Ceroplastes sinensis on stem of *Feijoa* sp. in baggage from New Zealand.

Cylas formicarius in sweetpotato in stores from India.

An adult of the oriental fruit fly (*Dacus dorsalis*) in preflight inspection of an airplane departing from Hawaii for the mainland.

The olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, and Palestine.

The oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Korea.

Laspeyresia strobilella in spruce cone in baggage from Germany.

Palaeopus costicollis in yam in baggage from Jamaica.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from the Bahamas, Greece, Hawaii, and Jamaica, in okra in baggage from Brazil and Trinidad.

Prodenia litura on gladiolus in cargo from Israel.

Rhagoletis cerasi in cherry in baggage from France, Italy, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, Italy, and Portugal.

Tephritis arnicae on dry cut flowers in baggage from Switzerland.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad.

Air-borne plant material was found to carry some important plant pathogens not believed to be established in the United States. Among these were the following:

- Cercospora coffeicola* on coffee leaves in baggage from Brazil.
 - "Chrysanthemum virus Q" on a chrysanthemum plant in cargo from Denmark.
 - Chrysomyxa rhododendri* on *Rhododendron* spp. in baggage from Germany, Hungary, and Switzerland, and on *Rhododendron* sp. in mail from Switzerland.
 - Coniothyrium laburnophilum* on *Laburnum* sp. in mail from Denmark.
 - Elsinoe australis* on orange in stores from Argentina and Brazil.
 - "Leprosis" on orange in stores from an unknown source.
 - Leptosphaeria citricola* on Mandarin orange in baggage from Japan.
 - Phleospora pistaciae* on pistache leaf in baggage from Turkey.
 - Phoma citricarpa* on Mandarin orange in baggage from China and Japan, on orange in baggage from Japan, and on citrus peel in baggage from China; *P. gypsophilae* on *Gypsophila* sp. in cargo from Japan.
 - Phomopsis hellebori* on Christmas-rose in cargo from the Netherlands.
 - Phyllosticta philodendri* on warty philodendron in cargo from Costa Rica.
 - Pythium butleri* on ginger in cargo from Guam.
 - Septoria unedonis* on *Arbutus unedo* in baggage from Greece.
 - Sphenospora kevorkianii* on *Schomburgkia* sp., an orchid, in cargo from Panama.
 - "Tomato aspermy virus" on chrysanthemum plant in cargo from Denmark.
 - Uredo oncidii* on *Oncidium varicosum rogersi*, an orchid, in express from Brazil and on *Oncidium* sp. in cargo from Guatemala; *U. scabies* on *Vanilla planifolia*, an orchid, in cargo from the Canal Zone.
 - Xanthomonas citri* on lime in baggage from India.
- Intercepted plant diseases of limited distribution in the United States or new to the country of origin and found on air-borne material were:
- Heterosporium iridis* on German iris in cargo from New Zealand.
 - Leptosphaeria heterospora* on monarch iris in mail and on *Iris* spp. in cargo from New Zealand, Palestine, and Turkey.
 - Papulaspora coprophila* on gladiolus corms in cargo from Japan.
 - Phoma iridina* on German iris in cargo from New Zealand.
 - Phyllosticta camelliae* on camellia in mail from Japan; *P. dracaenae* on Banks dracaena in cargo from New Zealand; *P. hedericola* on *Fatsia* sp. in cargo from Belgium and on English ivy in baggage from Ireland; *P. maculiformis* on chestnut in baggage from Italy.
 - Scirrhodopsis bambusae* on Bambuseae stem in cargo from Japan.
 - Septoria chrysanthemi* on chrysanthemum in mail from Japan. *S. dianthi* on carnation in baggage from the Azores.
- Nematodes were also found in air-borne material as follows:
- Heterodera punctata* in soil with strawberry plants in cargo from Scotland, in soil on chrysanthemum plants in express from England, in soil on pick-a-back plants in quarters from Germany, and in soil on lupine plants in baggage from England; the golden nematode (*H. rostochiensis*) in soil with various plants from England, France, Germany, Ireland, and Scotland.
 - Meloidogyne hapla* with roots of clematis in cargo from the Netherlands; *M. incognita* in *Asparagus myriocladus* in express from Japan.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage from Mexico, in Mandarin orange in quarters and stores from Mexico, in mango in baggage from Guatemala and Mexico, in mango peel in an empty boxcar from Mexico, in pulp attached to mango seed in the bed of a truck from Mexico, in orange in quarters and stores from Guatemala, in orange in baggage, quarters, and stores from Mexico, in pear in baggage from Mexico, in ponderosa lemon in baggage from Mexico, in sour orange in quarters and stores from Mexico, in sweet lime in baggage and cargo from Mexico, and an adult in the bed of a truck from Mexico; *A. ludens* (?) in avocado in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in unidentified fruit in baggage from Salvador, in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and the Virgin Islands, in mango in mail from Nicaragua, in mango in quarters from Honduras, Mexico, Puerto Rico, and Trinidad, in mango in stores

from Honduras and Jamaica, in *Spondias* sp. in baggage from Mexico, in yellow mombin in baggage from Costa Rica, Guatamela, Mexico, Nicaragua, and Salvador, in yellow mombin in mail from Nicaragua, in yellow mombin in stores from Salvador; *A. serpentina* in mamey in baggage from Colombia and Mexico, in sapodilla in baggage from Ecuador, in sapote in baggage from Mexico and Nicaragua; *A. striata* in guava in baggage from Mexico; *A. suspensa* in guava in baggage from Cuba and Puerto Rico.

The Mediterranean fruit fly (*Ceratitidis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from Italy, in apple in stores from France and Portugal, in apricot in stores from Algeria, in cactus in baggage from Italy, in coffee in baggage and quarters from Hawaii, in fig in baggage from Greece and Italy, in grape in stores from France, in grapefruit in quarters from France, in grapefruit in stores from Algeria, France, Israel, Lebanon, and Spain, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Africa and Italy, in Mandarin orange in stores from Italy, Portugal, and Spain, in mango in baggage from the Madeira Islands, in *Opuntia* sp. in baggage from Italy, in orange in baggage from Italy, Portugal, and Spain, in orange in quarters from Israel and Spain, in orange in stores from Egypt, Israel, Italy, Morocco, and Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, Portugal, and Spain, in pear in baggage from Greece and Italy, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in prickly pear in baggage and cargo from Italy, in quince in baggage and cargo from Italy; *C. capitata* (?) in coffee in baggage and mail from Hawaii, in mango in mail from Hawaii, in olive in baggage from the Azores.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in pepper in stores from Hawaii, in string bean in cargo from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in banana in quarters from Hawaii, in Malay-apple in baggage from Hawaii, in mango in mail and quarters from Hawaii, an adult in preflight inspection of an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in bell pepper in stores from Hawaii, in guamachil in baggage from Hawaii, in tomato in stores from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, Libya, and Palestine, in olive in cargo from Italy, in olive in mail from Italy and Turkey.

Rhagoletis cerasi in cherry in baggage from France, Italy, Portugal, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, France, Italy, and Portugal; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglandis* in black walnut in baggage from Mexico; the apple maggot (*R. pomonella*) in baggage from Mexico; *R. pomonella* (?) in apple in stores from Sweden; *R. striatella* in husk tomato in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad, in papaya in cargo from Mexico, and on the floor of a truck previously used to transport papayas from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

A curculionid, *Alcidodes dentipes*, in sweet potato in stores from Sierra Leone.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and cargo from Mexico, on coffee leaves in baggage from Mexico, on leaves of lemon, Mandarin orange, and orange in baggage from Mexico, on leaves of sour lime in baggage from Cuba, Jamaica, and Panama, on leaves of sour lime in baggage and cargo from Mexico.

A bruchid, *Bruchus lentis*, in lentil in baggage by air from Italy.

Cacoecia pronubana (Tortricidae) in pomegranate in baggage from Italy and Yugoslavia.

A phycitid, *Cryptoblabes gnidiella*, in chestnut and pomegranate in baggage from Italy, in pomegranate in baggage by air from Italy, in lemon in stores by air from Italy, in papaya in baggage by air from Bermuda, in seagrape berry in cargo by air from Bermuda.

The mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage and quarters from Hawaii, in mango in baggage by air from India.

A curculionid, *Curculio elephas*, in chestnut in baggage, cargo, and mail from Italy, in chestnut in baggage by air from Italy, in chestnut in stores from Portugal.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from British West Africa, Gold Coast, and Sierra Leone.

A pyraustid, *Evergestis forficalis*, in cabbage and cauliflower in stores from France, in cabbage in baggage by air from Ireland.

Hemimene juliana (Olethreutidae) in chestnut in baggage by air from Italy, in chestnut in baggage from Greece, in Macedonian oak seed in mail from Italy.

An elaterid, *Hypolithus riparius*, in grass sod used as ballast from Scotland.

An olethreutid, *Laspeyresia leguminis*, in string bean in stores from Peru.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Indonesia.

A phalaenid, *Mamestra brassicae*, in cabbage in baggage by air from Ireland, in cabbage in stores from Italy, in celery in stores from Denmark, in rutabaga in stores from England, in cabbage and parsley in stores from France.

A bean pod borer, *Maruca testulalis*, in string beans in baggage, cargo, mail, and stores from Hawaii, in string beans in stores from Japan and Netherlands Guiana.

An adult scarabaeid, *Melolontha melolontha*, host unknown, in baggage by air from Germany.

Parlatoria chinensis (Coccidae) on a stem of *Pyrus* sp. in baggage from Japan.

An adult *Phloeotribus scarabaeoides* (Scolytidae) with olive branch in baggage from Italy.

A scolytid, *Pityogenes chalcographus*, in pine and spruce in cargo from Sweden, in bark on crate slats from Sweden.

A chrysomelid, *Psylliodes chrysocephala*, in radish in stores from Italy.

Polychrosis botrana (Olethreutidae) in grape in baggage from Italy.

Prays oleellus (Hyponomeutidae) in olive in baggage from Italy.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from Greece and Italy, in corn in baggage from Italy.

A curculionid, *Sitona lineata*, on chrysanthemum in cargo by air from Denmark, on chrysanthemum in baggage by air from Portugal, on lilac in cargo from the Netherlands, and in beet in stores from England.

A curculionid, *Strophosoma melanogrammum*, in soil and woods moss with rosaceous plants in mail from Germany.

SNAILS

The giant African snail (*Achatina fulica*) was taken at San Francisco, and San Pedro, Calif., three times each on returned military equipment coming from Formosa, Guam, and the Philippines. Two interceptions of this species were made at San Pedro on scrap tires and a second-hand generator from Guam, and one interception at Houston, Tex., on scrap metal from the South Pacific.

Bradybaena similaris, an injurious snail not established in the United States, was intercepted at Honolulu, Hawaii, in a box with *Vanda* leis during preflight inspection of a cargo shipment to the mainland. Another injurious snail, *Deroceras reticulatum*, known to be in some of our States was taken at New York, N. Y., with cabbage in cargo from the Netherlands; at Boston, Mass., with carnations and calla lilies in baggage by air from the Azores; at Boston, Mass., with lettuce in stores by air from Lebanon; and at Washington, D. C., with clumps of selloa pampasgrass in mail from New Zealand.

NOTES ON DISEASES INTERCEPTED

Japan again contributed the greatest number of interceptions (55) of citrus canker (*Xanthomonas citri*), 32 of which were on oranges, 16 on lemons, 6 on grapefruits, and 1 on sour lime. China contributed 16 interceptions, 13 of which were on oranges, 2 on Mandarin oranges, and 1 on citrus peel. India contributed 1 each on lime, sour lime, pomelo, and grapefruit. From Formosa (?) and Ceylon came 1 each on orange; Malaysia and the Philippines had 1 each on sour lime; and Thailand had 2 on pummelo. Cancrosis "B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 6 times on lemons and once on grapefruit from Argentina.

Chrysomya rhododendri, a spruce and rhododendron rust, was intercepted 5 times on *Rhododendron ferrugineum* from Switzerland and once from Hungary, once each on *R. hirsutum* from England and Germany, and 4 times on *Rhododendron* sp. from Switzerland.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted many times from South America. Of these interceptions 76 were from Brazil, 57 from Argentina, and 1 each from Uruguay and an unknown origin, probably South America, on lemon, Mandarin orange, orange, sour lime, and sour orange.

"Leprosis", a recently reported disease, was intercepted once on Mandarin orange, 8 times on orange from Mexico, and once each on orange from Egypt, Haiti, Panama, and an unknown origin.

Other interceptions were:

Cercospora purpurea on avocado in baggage from Mexico.

Coniothyrium cytisellum on *Laburnocytisus adami* and *Laburnum watereri* in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island pine in cargo from Australia and on Norfolk-Island pine in mail from Norfolk Island.

Gymnosporangium haraeum on Chinese juniper and dwarf juniper in mail and baggage from Japan.

Leptosphaeria heterospora on various rhizomatous *Iris* species in cargo and mail from Australia, Canada, England, France, Hashemite Kingdom of Jordan, the Netherlands, New Zealand, Palestine, and Turkey; *L. rusci* on *Ruscus* sp. in cargo from Italy.

Macrophomina phaseolina on *Ixia viridiflora* and *Morea spathacea* in mail from the Union of South Africa, on *Iris nigricans* in mail from Hashemite Kingdom of Jordan, on sweetpotato in baggage from Borneo, and on sweetpotato in stores from Japan.

"Peony virus" on peony in cargo from the Netherlands.

Puccinia arenariae on maiden pink and sweet-william in cargo from Switzerland and on sweet-william in baggage from England; *P. ornithogali-thyrsoideae* on chinkeriee in mail from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon, grapefruit, and *Citrus* sp. in stores from Australia.

The golden nematode (*Heterodera rostochiensis*) has been found in soil with various plants intended for propagation, 8 times from England, 7 times from Scotland, 4 times from Germany, twice from Ireland, and once each from Denmark, France, the Netherlands, and Sweden.

Of importance also have been interceptions of the *Meloidogyne* group such as *M. arenaria* in *Bletilla* sp., an orchid, in cargo from Japan, in dahlia in mail from India, in potato in stores from Chile, and in turnip in cargo from Mexico; *M. exigua* in dahlia in mail from Australia; *M. hapla* in chrysanthemum, clematis, delphinium, and Hungarian hepatica, all in cargo from the Netherlands, and in soil with an unknown plant in baggage from Germany; *M. incognita* in *Asparagus myriocladus* in express from Japan, in banana root in cargo from Mexico, in dahlia in mail from India, and in *Dioscorea* sp. tuber in express from Nicaragua; *M. incognita* (?) in *Mammillaria phymatothele* in mail from Mexico; *M. incognita* var. *acrita* in *Agapanthus* sp. root in cargo from Japan, in parsnip in stores from the Union of South Africa, *M. incognita* var. *acrita* (close to; possibly n. sp.) in *Pogostemon* sp. root in mail from the Philippines; *M. javanica* in *Bletilla* sp., an orchid, in cargo from Japan and in dahlia in mail from Australia.

Tylenchus allii in garlic in cargo from Mexico; *T. putrefaciens* in garlic in baggage and cargo from Mexico.

INCOMPLETELY DETERMINED PESTS

Occasionally complete specific determinations of nematodes, insects, and fungi have been impossible owing to the condition of the material on arrival. Some of these plant pests may be of economic importance, may be new or hitherto unknown to the United States, unknown for the host plant, or they may come from a new country of origin.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., probably *fraterculus* (Wied.), at New York, N. Y., in coffee berry in baggage by air from Peru; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in apple in baggage from Mexico; at Brownsville, and Laredo, Tex., in orange in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Boston, Mass., in grapefruit in stores from Trinidad; at Key West, Fla., in mango in stores from Cuba; at Laredo, Tex., in mango in baggage from Mexico; at New Orleans, La., in mango in stores from Jamaica and in *Spondias* sp. in baggage by air from Salvador; at San Ysidro, Calif., in guava in baggage from Mexico; *Anastrepha* sp.,

probably *serpentina*, at Douglas, Ariz., in mango in baggage from Mexico; at Laredo, Tex., in sapote in baggage from Mexico; *Anastrepha* sp., probably *striata*, at Miami, Fla., in mango in baggage by air from Bolivia and Ecuador.

Anastrepha sp. at Miami, Fla., in *Annona* sp. in baggage by air from Peru; at Brownsville, Tex., in avocado in baggage from Mexico; at Miami, Fla., in cherimoya in baggage by air from Peru; at San Ysidro, Calif., in guava in baggage from Mexico; at New York, N. Y., in guava in baggage from Venezuela; at El Paso, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in baggage by air from Colombia, Guatemala, and Peru; at Hidalgo, Del Rio, Brownsville, Laredo, and El Paso, Tex., in mango in baggage from Mexico; at Houston, Tex., in mango in stores from Haiti; at New York, N. Y., in mango in baggage from Haiti; at Savannah, Ga., in mango in quarters from Puerto Rico; at Baltimore, Md., in orange in stores from Brazil; at Brownsville, El Paso, and Laredo, Tex., in orange in baggage from Mexico; at Galveston, Tex., in orange in quarters and stores from Brazil; at El Paso, Tex., in peach in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Tampa, Fla., in sapodilla in baggage by air from Cuba; at Laredo, Tex., in sapote in baggage from Mexico; at Miami, Fla., in soursop in baggage by air from Peru.

Rhagoletis sp. at Laredo, Tex., in pear in baggage from Mexico.

Thirty-four interceptions which could not be identified beyond family (Tephritidae) were intercepted at Laredo, Tex., in apple in baggage from Mexico; at New York, N. Y., in apple in baggage by air from Tripoli; at Seattle, Wash., in apple in stores from Peru; at Boston, Mass., in apricot in stores by air from an unknown origin; at Honolulu, Hawaii in banana in cargo from Siam; at San Diego, Calif., in cucumber in stores from Hawaii; at New York, N. Y., in fresh date in cargo by air from Lebanon and in globe artichoke in baggage from Italy; at Baltimore, Md., and Houston, Tex., in grapefruit in stores from Brazil; at Galveston, Tex., in grapefruit in stores from Argentina; at Norfolk, Va., in grapefruit in stores from Nigeria; at Philadelphia, Pa., in grapefruit in stores from Gold Coast; at Boston, Mass., in guava in baggage by air from the Azores; at Calexico, Calif., in guava in baggage from Mexico; at Honolulu, Hawaii in guava in cargo by air from Siam; at Boston, Mass., in Mandarin orange in stores from India; at New York, N. Y., in Mandarin orange in stores by air from an unknown origin; at Honolulu, Hawaii in mango in stores by air from the Philippines; at Honolulu, Hawaii in nectarine in baggage by air from Australia; at Baltimore, Md., in orange in stores from Brazil; at Boston, Mass., in orange in stores by air from an unknown origin, and in orange in stores from French West Africa and India; at Galveston, Tex., in orange in stores from Spain; at Mobile, Ala., in orange in stores by air from Panama; at San Juan, P. R., in orange in stores from Africa; at New York, N. Y., in papaya in stores from Gold Coast and in peach in baggage by air from France; at Philadelphia, Pa., in pepper in stores from French West Africa; at Boston, Mass., in sweet lime in stores from the Azores; at San Francisco, Calif., in tomato in stores from Hawaii; at Boston, Mass., in vegetable marrow in stores from the Union of South Africa and with mixed fruit in stores by air from an unknown origin.

The following miscellaneous insects of interest were intercepted:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on *Oncidium cavendishianum*, an orchid, in cargo from Mexico.

Aleuroplatus sp., near *sculpturatus* Q. & B. (Aleyrodidae) at Hoboken, N. J., on an unidentified leaf in mail from Brazil.

Apion sp., probably *carduorum* Kby., (Curculionidae) at New York, N. Y., and at Philadelphia, Pa., in globe artichoke in stores from France.

An olethreutid, *Argyroproct* sp., probably *leucotreta* Meyr., at Baltimore, Md., in orange in stores from the Union of South Africa.

Aserica sp. (Scarabaeidae) at Honolulu, Hawaii, in soil with dwarf pine in baggage by air from Japan.

A curculionid, *Baris* sp., at Mobile, Ala. and at New York, N. Y., in turnip in stores from France; at Galveston, Tex., in turnip in stores from Portugal.

A cerambycid, "unlike anything in the Museum collection," at Hoboken, N. J., in root of malabar glorylily in cargo by air from the Union of South Africa.

A coccid, Coccinae, "an interesting species", at Brownsville, Tex., on a leaf of *Bromelia* sp. in baggage from Mexico.

Cryptotermes sp., probably *brevis* (Wlk.) (Kalotermitidae), at San Pedro, Calif., in a wooden packing case in express from Cuba.

Cylas sp., probably *femoralis* Faust (Curculionidae), at New York, N. Y., in sweetpotato in stores by air from the Union of South Africa.

A curculionid, *Epicaerus* sp., probably *cognatus* Sharp, at Brownsville, Tex., in potato in baggage and stores from Mexico; at Eagle Pass, Tex., and Laredo, Tex., in potato in baggage from Mexico; at Hildalgo, Tex., in potato in quarters from Mexico; at Houston, Tex., and New Orleans, La., in potato in stores from Mexico.

Gnorimoschema sp., near or equals *borsaniella* Koehr. (Gelechiidae), at Baltimore, Md., in pepper in stores from Brazil; at Charleston, S. C., and at Galveston, Tex., in pepper in stores from Argentina; *Gnorimoschema* sp., near or equals *ocellatella*, at Galveston, Tex., and at New York, N. Y., in beet in stores from Egypt; at Philadelphia, Pa., in beet in stores from France and Israel.

Gymnandrosoma sp. (Olethreutidae) at New York, N. Y., in orange in stores by air probably from Trinidad.

Lixus sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from Israel.

Sp. of Phalaenidae, "very distinctive—nothing like it in the U. S. National Museum", at Charleston, S. C., on banana leaf in cargo from Ecuador.

Phenacaspis sp. (Coccidae), "not recognized as any described species", at Honolulu, Hawaii on *Grammatophyllum scriptum*, an orchid, in air express from the Philippines.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potato in stores from Peru.

Sisamnes sp. (Lygaeidae), probably a new species, at Laredo, Tex., on cactus in cargo from Mexico.

A scolytid, *Stephanoderes* sp., probably *lecontei* Hopk., at Honolulu, Hawaii in seed of *Lysidice rhodostegia* in mail from Cuba.

Tetralicia sp. (Aleyrodidae), "undescribed and very interesting", at Nogales, Ariz., on white sapote leaf in baggage from Mexico.

There were 1,926 interceptions distributed among 564 genera, which could be identified to genus only. A total of 86 could be determined to family or subfamily only.

A total of 2,012 incompletely determined insects were intercepted during the year.

DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

Ascochyta sp., at Washington, D. C., on *Mahonia bealii* in cargo from the Netherlands; at San Francisco, Calif., on *Odontoglossum grande*, an orchid, in air cargo from Guatemala.

Camarosporium sp., at Nogales, Ariz., on *Agave* sp. in baggage from Mexico; at Hoboken, N. J., on *Cercidiphyllum* sp. in cargo from the Netherlands; at San Francisco, Calif., on *Cymbidium canaliculatum*, an orchid, in mail from Australia; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

Caryospora sp., at San Francisco, Calif., on *Iris atropurpurea* in mail from England, on *Iris germanica* in mail from Australia and on *Iris saari* in mail from Turkey.

Cercospora sp., at San Juan, P. R., on *Eryngium foetidum* in a shipment for the mainland; at Laredo, Tex., on *Philodendron* sp. in baggage and cargo from Mexico.

Coniothyrium sp., probably *olivaceum*, at El Paso, Tex., on sweet lime in baggage from Mexico; at Honolulu, Hawaii, on Mandarin orange in baggage by air from China; at San Francisco, Calif., on coconut in baggage from Hawaii; at Washington, D. C., on Jobs-tears in mail from the Philippines; at San Francisco, Calif., on *Cymbidium* sp., an orchid, in cargo from England; at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Coryneum sp., probably *microstictum* Berk. & Br., at Seattle, Wash., on *Rosa* sp. (fruit) in mail from Canada.

Probably *Cryptosphaerella* sp., at San Francisco, Calif., on *Oncidium splendendum*, an orchid, in cargo from Guatemala; *Cryptosphaerella* sp., at Laredo, Tex., on orchid in cargo from Mexico.

Endoconidiophora sp., at San Francisco, Calif., on ginger in cargo from Japan.

Frankiella sp., close to *alni* (Wor.) Maire & Tison, at Seattle, Wash., on *Cercidiphyllum japonicum* in cargo from Japan.

Haplosporella sp., at Philadelphia, Pa., on wisteria vine in quarters from Japan.

Hendersonia sp., at San Francisco, Calif., on *Epidendrum* sp., an orchid, in cargo from Salvador; at San Francisco, Calif., on *Haworthia margaritifera* in mail from the Union of South Africa; at Nogales, Ariz., an orchid in baggage from Mexico; at Washington, D. C., on rice seed in mail from Cuba and on *Stylocanthes* sp. in mail from Ethiopia.

Hypoderma sp., at Nogales, Ariz., on *Dodonaea* sp. in cargo from Mexico.

Hysterocephalum sp., at Brownsville, Tex., on orchid in cargo from Mexico; at San Francisco, Calif., on *Laelia superbiens*, an orchid, in cargo by air from Guatemala.

Lembosioopsis sp., at Brownsville, Tex., on *Miltonia endresii*, an orchid, in cargo by air from Costa Rica.

Leptosphaeria sp., at Calexico, Calif., on bamboo cane in cargo from Mexico; at San Pedro, Calif., on *Phalaenopsis* sp., an orchid, in baggage from the Philippines; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Leptostroma sp., at Honolulu, Hawaii, on *Agathis australis* in cargo by air from New Zealand; at Nogales, Ariz., on *Hibiscus cannabinus* in baggage from Mexico.

Lophodermium sp., at San Francisco, Calif., on *Sobralia* sp., an orchid, in cargo by air from Nicaragua.

Monilinia sp., suggesting *laxa* (Aderh. & Ruhl.) Honey, at Hoboken, N. J., on rock cotoneaster in cargo from the Netherlands.

Mycosphaerella sp., at Brownsville, Tex., on orange in baggage from Mexico; at Honolulu, Hawaii, on Banks dracaena in cargo by air from New Zealand; at San Francisco, Calif., on *Cymbidium elegans*, an orchid, in cargo by air from India; at Miami, Fla., on *Epidendrum radicans*, an orchid, in cargo by air from Costa Rica; at San Francisco, Calif., on *Epidendrum ybaguense* in cargo by air from the Canal Zone.

Naemosphaeria sp. (?), at Hoboken, N. J., on *Ficus* sp. stem in cargo from Italy.

Nocardia sp., at Hoboken, N. J., on black barberry in cargo from the Netherlands.

Ophiobolus sp., at San Francisco, Calif., on coconut in baggage from Hawaii and Japan; at San Francisco, Calif., on coconut in mail from Guam; at Nogales, Ariz., on orchid in baggage from Mexico.

Pachybasium sp., at Hoboken, N. J., on tulip in cargo from the Netherlands.

Periconia sp., at San Francisco, Calif., on cucumber in stores from Japan.

Pestalotia sp., at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Phaeosphaeria sp., at San Francisco, Calif., on *Acorus* sp. in cargo by air from Japan.

Phyllostictina sp., at Laredo, Tex., on lime leaf in cargo from Mexico; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in mail from India; at Honolulu, Hawaii, on *Cypripedium* sp. in baggage from Japan and on *Dendrobium undulatum*, an orchid, in cargo by air from Australia; at San Francisco, Calif., on *Dendrobium* spp. in mail from American Samoa; at San Francisco, Calif., on *Dendrobium* sp. in cargo by air from Australia; at Laredo, Tex., on *Oncidium* sp., an orchid, in baggage from Mexico; at Miami, Fla., on orchid leaf in cargo from Brazil.

Phytophthora sp., at New York, N. Y., on orange in stores from Brazil; at El Paso, Tex., on Italian squash in cargo from Mexico; at Hoboken, N. J., on gloxinia in air express from Belgium.

Septoria sp., at Hoboken, N. J., on *Heurnia* sp. in mail from the Union of South Africa.

Rhabdospora sp., at Washington, D. C., on *Dombeya* sp. in mail from Cuba; at San Francisco, Calif., on *Stewartia monadelphica* in cargo from Japan.

Sclerotium sp., at Seattle, Wash., on globe butterflybush in cargo from England; at Hoboken, N. J., on Christmas-rose in cargo from England; at Seattle, Wash., on *Lycoris aurea* and *L. radiata* in cargo from Japan and on *L. squamigera* in mail from Japan; at San Francisco, Calif., on *L. squamigera* in cargo from Japan; at Baltimore, Md., on cipollino in cargo from Italy; at San Francisco, Calif., on potato in stores from New Zealand.

Scolecopeltidium sp., at Brownsville, Tex., on *Odontoglossum chiriquense*, an orchid, in cargo by air from Costa Rica; at Seattle, Wash., on orchid in mail by air from the Canal Zone.

Septoria sp., at Laredo, Tex., on *Agave* sp. and *Cattleya citrina*, an orchid, in cargo and on orange in baggage from Mexico; at Hoboken, N. J., on *Heurnia* sp. and *Stapelia* sp. in mail from the Union of South Africa; at Washington, D. C., on *Medicago* sp. in mail from Ethiopia; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in cargo from India.

- Stagonospora* sp., at Boston, Mass., on *Stipa tenacissima* in cargo from Italy.
- Streptomyces* sp., at Philadelphia, Pa., on celery in stores from Sweden.
- Tridens* sp., at Hoboken, N. J., on *Cereus nudiflorus* in mail from Cuba.
- Uredo* sp., at Washington, D. C., on *Piper* sp. in cargo from Colombia.
- Verticillium* sp., probably *didiculium* Sacc. var. *binotianum* Sacc., at Honolulu, Hawaii, on *Phalaenopsis aphrodite*, an orchid, in cargo from the Philippines.
- Volutella* sp., at San Pedro, Calif., on ginger in cargo from Japan.
- Incompletely determined nematodes worthy of mention were:
- Aphelenchoides*, new species, at El Paso, Tex., in garlic in cargo from Mexico;
- Aphelenchoides* sp. (undescribed) at Hoboken, N. J., in *Solanum tuberosum* var. "Furore" in cargo from the Netherlands.
- Aphelenchus*, new species, at El Paso, Tex., in wheat in mail from Yugoslavia.
- Ditylenchus* sp., at Brownsville, Tex., El Paso, Tex., and Laredo, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in bulbs of *Chionodoxa* sp., in corms of *Colchicum* sp., and in bulbs of *Tigridia* sp. in cargo from the Netherlands.
- Helicotylenchus*, new species, at New York, N. Y., in soil with rockcress plants in baggage by air from Germany.
- Heterodera* sp., probably *carotae* Jones at San Juan, P. R., in soil with potatoes in stores from Spain; *Heterodera* sp., possibly *goettingiana* Liebscher, at New York, N. Y., in soil with bagging in cargo from the Netherlands and in soil with ivy plants in baggage from France and at Seattle, Wash., in soil with potatoes in stores from Australia; *Heterodera* sp., probably *trifolii*, at San Juan, P. R., in soil with potatoes in cargo from Spain.
- Heterodera* sp. at San Pedro, Calif., in soil with Amaryllidaceae bulbs in mail from Ireland; at New York, N. Y., in soil on army vehicles from Belgium and Germany and with asparagus in baggage and mail from Germany; at Baltimore, Md., in soil with bagging in cargo from England; at New York, N. Y., in soil with bagging in cargo from Belgium, Denmark, England, France, Germany, Italy, the Netherlands, Scotland, and Switzerland; at Norfolk, Va., in soil with bagging in cargo from Belgium, England, Germany, the Netherlands, and Scotland; at Philadelphia, Pa., in soil with bagging in cargo from Belgium, the Netherlands, and Scotland; at San Pedro, Calif., in soil with burlap bags in cargo from the Netherlands, at New York, N. Y., and at Philadelphia, Pa., in sand and soil ballast from England and Scotland; at Blaine, Wash., in soil with potatoes in stores from Tasmania; at Charleston, S. C., in soil with leek and potatoes in stores from the Netherlands; at Boston, Mass., in soil with chrysanthemum plants in baggage from England, in soil with camellia and rose plants in baggage by air from Italy, in soil with brunsvigia bulbs and unidentified herbs in baggage by air from the Azores; at Hoboken, N. J., in soil with plant material for propagation from England, France, Germany, Italy, the Netherlands, Scotland, Switzerland, and Yugoslavia and in soil with potatoes in cargo from the Netherlands; at New York, N. Y., in soil with an army vehicle from Germany, in soil with dasheens in cargo from the Azores, in soil with forget-me-not plants in quarters by air from England, in soil with onions in cargo from Chile, in soil with potatoes in cargo from Spain, in soil with shamrocks in cargo by air from Ireland, in soil with loquat cuttings in baggage from Lebanon, in soil with *Pelargonium* sp. in baggage from England, in soil with potatoes in baggage by air from Germany, in soil with salsify roots in baggage from Belgium, in soil with potatoes in stores from the Netherlands and Scotland, with plant material for propagation from the Azores, Denmark, England, France, Germany, Greece, Italy, the Netherlands, Scotland, and Switzerland, and in soil with potatoes in baggage from the Azores, England, and Germany; at Norfolk, Va., in soil with carrots in stores from the Netherlands, in soil with parsnips in stores from Ireland, in soil with potatoes in stores from Belgium, Denmark, the Netherlands, and Norway; at Philadelphia, Pa., in soil with cabbage in stores from Portugal, in soil with carrots in stores from England, in soil with gobo roots in stores from Japan, in soil with leeks in stores from Norway, in soil with unknown plants in quarters from France, in soil with shamrocks in mail from Ireland, in soil with potatoes in stores from Australia, Belgium, Brazil, Egypt, England, Germany, Italy (?), the Netherlands, New Zealand, Spain, and Sweden, in soil with plant material for propagation from Germany, Japan, Morocco, the Netherlands, Sweden, and Yugoslavia; at San Francisco, Calif., in soil with potatoes in stores from Australia, England, and Peru, in soil with plant material for propagation from Germany, Italy, the Netherlands, and Yugoslavia; at San Pedro, Calif., in soil with beets and parsnips in stores from England, in soil with white clover in mail from Ireland; at San Juan, P. R., in soil with potatoes in cargo

from Spain; at Seattle, Wash., in soil with carrots in stores from the Netherlands, in soil with plant material for propagation from Canada, England, Germany, Ireland, and Japan.

Hoplolaimus, new species, at Honolulu, Hawaii, in roots of *Asparagus myriocladus* in express from Japan.

Possibly an undescribed species of *Meloidogyne* at San Pedro, Calif., in the root of an unidentified plant in baggage from Salvador; *Meloidogyne* sp., at Hoboken, N. J., in the root of *Aster yunnanensis* in cargo from the Netherlands and in *Begonia multiflora* in cargo from Belgium; at Seattle, Wash., in *Bletilla hyacinthina*, an orchid, in cargo from Japan; at San Pedro, Calif., in carrot in stores from Japan; at Hoboken, N. J., in dahlia tubers in mail from India and in dahlia tubers in cargo from the Netherlands; at Laredo, Tex., in dahlia tubers in mail from Israel and in *Lophophora williamsii* in cargo from Mexico; at Hoboken, N. J., in root of *Passiflora* sp. in baggage from Bermuda and in *Sinningia* sp. in cargo from the Netherlands; at Philadelphia, Pa., in potato in stores from Portugal; at Hoboken, N. J., in root of *Viburnum* sp. in cargo from Belgium.

Paraphelenchus sp., at Seattle, Wash., in *Bletilla hyacinthina* in cargo from Japan.

Pratylenchus sp., at Washington, D. C., in soil with tulip and narcissus bulbs in cargo from Germany.

Rotylenchus sp., at New York, N. Y., in soil with crocus plants in baggage by air from the Netherlands.

A tylenchid, new genus, at Washington, D. C., in soil around dracaena plants in air express from the French Cameroons.

Tylenchus sp., at New York, N. Y., in *Allium neapolitanum* in cargo from Turkey; at Seattle, Wash., in *Bletilla* sp. in cargo from Japan.

Xiphinema sp., at New York, N. Y., in soil with *Aloe* sp. plants in baggage by air from Italy.

A total of 827 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Europe—Continued		
Afghanistan.....	0	3	Ireland.....	12	8
Africa (country unknown).....	1	1	Italy.....	231	16
Algeria.....	7	1	Netherlands.....	3	100
British West Africa.....	2	0	Norway.....	3	3
Canary Islands.....	1	1	Portugal.....	17	5
Cape Verde Islands.....	0	1	Scotland.....	9	42
Egypt.....	2	1	Spain.....	15	17
Ethiopia.....	0	4	Sweden.....	10	7
French West Africa.....	0	1	Switzerland.....	4	15
Gold Coast.....	9	0	Trieste.....	1	0
Kenya.....	0	1	Turkey.....	2	6
Liberia.....	3	0	Union of Soviet Socialist		
Libya.....	1	0	Republics.....	0	1
Madeira Islands.....	3	0	Yugoslavia.....	4	0
Morocco.....	3	0	North America:		
Mozambique.....	0	1	Bermuda.....	21	4
Natal.....	0	1	Canada.....	2	12
Nigeria.....	0	1	Canal Zone.....	45	4
Sierra Leone.....	2	0	Central America.....	1	0
Tripoli.....	1	0	British Honduras.....	1	1
Union of South Africa.....	22	29	Costa Rica.....	15	5
Asia:			Guatemala.....	27	6
Borneo.....	0	1	Honduras.....	6	0
China.....	3	160	Nicaragua.....	12	1
Formosa.....	4	21	Panama.....	33	3
Hashemite Kingdom of Jordan.....	0	2	Salvador.....	14	1
India.....	43	19	Mexico.....	872	122
Indonesia.....	3	1	West Indies		
Israel.....	9	1	Bahamas.....	3	0
Japan.....	127	265	Barbados.....	4	0
Jerusalem.....	2	0	British West Indies.....	1	0
Korea.....	1	2	Cuba.....	53	4
Malaysia.....	0	1	Curacao.....	1	0
Pakistan.....	1	0	Dominica.....	2	0
Palestine.....	2	3	Dominican Republic.....	4	0
Straits Settlements.....	3	5	Haiti.....	2	2
Syria.....	1	0	Jamaica.....	24	0
Thailand.....	2	0	Montserrat.....	1	0
Australasia:			Puerto Rico.....	12	3
Arno Atoll Island.....	1	0	Trinidad.....	13	1
Australia.....	12	3	Virgin Islands.....	1	0
Ceylon.....	1	32	South America:		
Fiji Islands.....	1	0	Argentina.....	2	55
Guam.....	7	5	Bolivia.....	1	0
Hawaii.....	136	34	Brazil.....	21	96
Java.....	1	1	British Guiana.....	0	1
Lebanon.....	9	1	Chile.....	7	1
Marshall Islands.....	1	0	Colombia.....	5	0
New Zealand.....	3	12	Ecuador.....	27	0
Norfolk Island.....	0	2	Netherlands Guiana.....	3	0
Palmyra Islands.....	1	1	Peru.....	4	4
Philippines.....	27	4	Uruguay.....	1	1
Salpan.....	1	0	Venezuela.....	12	1
South Pacific.....	2	0	Total.		
Tahiti.....	1	2	Africa.....	57	46
Wake Island.....	1	0	Asia.....	201	481
Yap Island.....	1	0	Australasia.....	206	97
Europe:			Europe.....	442	379
Austria.....	0	3	North America.....	1,170	169
Azores.....	13	1	South America.....	83	159
Belgium.....	3	16	Unknown.....	11	3
Czechoslovakia.....	1	0	Total	2,170	1,334
Denmark.....	3	10	Total incompletely determined pests.....	2,012	827
England.....	13	88	Total insect interceptions	4,182	-----
Europe (locality unknown).....	0	1	Total disease interceptions	-----	2,161
Finland.....	0	1	Grand total	-----	16,343
France.....	28	14			
Germany.....	22	19			
Greece.....	17	5			
Hungary.....	1	1			

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,311.

NOTE.—Interceptions were also made from American Samoa, Antigua, Belgian Congo, Burma, Caicos Islands, Cook Islands, Cyprus, French Cameroons, Guadeloupe, Iran, Madagascar, New Guinea, New Hebrides, Okinawa, St. Kitts, St. Vincent, Samoa, Solomon Islands, Transvaal, and Tunisia.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalia schalleriana</i> (F.) (Tortricidae):	Belgium			1	N. J.
<i>Rhododendron indicum</i> (indica azalea)					
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):	Mexico	1			Ariz.
<i>Lactuca sativa</i> (lettuce)					
<i>Acalypta parvula</i> (Fall.) (Tingidae):	Spain			1	N. Y.
Forest litter, moss, and soil used as packing material.					
<i>Acanthoscelides griseolus</i> (Fall) (Bruchidae):	Mexico			1	Calif.
<i>Sesbania</i> sp.					
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):	Greece	1	1		Mass., N. Y.
<i>Acacia</i> sp.					
<i>Achatina fulica</i> Fer. (Mollusca):	Formosa, Guam, Philippines.	7			Calif.*
Returned military equipment	Guam, South Pacific	2			Calif.* Tex.
Scrap metal	Hawaii	1			Hawaii.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):	Netherlands	9			N. Y.
Orehid					
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):	Mexico			1	Tex.
<i>Syringa</i> sp. (lilac)					
<i>Aeolus vermiculatus</i> Champion (Elateridae):	Mexico			1	Tex.
Orehid					
<i>Agallia lingula</i> Van D. (Cicadellidae):	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Aganactesis indecora</i> (Dyar) (Galleriidae):	Jamaica	1			Fla.*
<i>Cassia fistula</i> (golden-shower)					
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):	Australia		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)					
<i>Alcidodes dentipes</i> (Oliv.) (Curculionidae):	Sierra Leone		1		Pa.
<i>Ipomoea batatas</i> (sweetpotato)					
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):	Cuba, Mexico	15			Ariz., Fla.,* Tex.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Citrus limon</i> (lemon)	Mexico	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	2			Tex.
<i>Citrus sinensis</i> (orange)	do	1			Calif.
<i>Citrus</i> sp.	Jamaica, Mexico, Panama.	13			Calif.,* Fla.,* Tex.
<i>Coffea</i> sp. (coffee)	Mexico	2			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):	do		1		Ariz.
<i>Impatiens balsamina</i> (?)	do		1		Ariz.
<i>Psidium</i> sp., probably <i>guajava</i>					
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):	do	1			Tex.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):	Philippines		1		Calif.*
<i>Jasminum</i> sp.					
<i>Allantus cinctus</i> (L.) (Tenthredinidae):	Netherlands		1		Wash.
<i>Rosa multiflora superba</i>	Belgium, Netherlands		2		N. J.
<i>Rosa</i> sp.					
<i>Amitermes unidentatus</i> Wasm. (Termitidae):	Gold Coast	1			Md.
<i>Khaya</i> sp.					
<i>Amorbia emigratella</i> Buseck (Tortricidae):	Mexico	1			Tex.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	1			Tex.
<i>Gladiolus</i> sp.					
<i>Anastrepha ludens</i> (Loew) (Tephritidae):	do	6			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	1			Tex.
<i>Citrus aurantium</i> (sour orange)	do	1			Tex.
<i>Citrus limon ponderosa</i>	do	7			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	2			Ala., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Central America, Guatemala, Mexico.	157	14		Ariz., Calif.,* La., Tex.
<i>Citrus sinensis</i> (orange)					
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	32	2		Ariz., Calif.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	4			Tex.
Truck bed	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):	do	1			Tex.
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
Fruit—unidentified	Salvador	1			Calif.*
<i>Mangifera indica</i> (mango)	Bahamas, Colombia, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad, Virgin Islands.	63	7		Ala., Calif., Fla.,* La., Md., N. Y., Pa., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)	Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	12	1		Calif.,* La., Tex.
<i>Spondias</i> sp.	Mexico	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Ecuador	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	Mexico, Nicaragua	2			Calif.* Tex.
<i>Mammea americana</i> (mamey)	Colombia, Mexico	4			Fla.,* Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	4			Fla.,* N. Y.
<i>Ancyllostomia stercora</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea)	Puerto Rico	1			Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Grass	Philippines	1			Calif.*
<i>Anuraphis tulipae</i> (Fonsc.) (Aphidae):					
<i>Arracacia xanthorrhiza</i>	Brazil			1	D. C.
<i>Crocus</i> sp.	Netherlands			1	N. Y.
<i>Iris atrofusca</i>	Jerusalem			2	D. C., N. J.
<i>Iris</i> spp.	Italy			1	N. J.
<i>Tulipa</i> sp.	Netherlands			1	Pa.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Pyrus communis</i> (pear)	Greece	1			N. Y.
<i>Aonidiella comperi</i> McKenzie (?) (Coccidae):					
<i>Citrus grandis</i>	Thailand			1	Hawaii
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Marshall Islands, South Pacific.	2			Calif.*
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Aphis callunae</i> Theob. (Aphidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway, Sweden	2	2		N. Y., Wash.
<i>Argyroploce leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Gold Coast		1		Pa.
<i>Citrus sinensis</i> (orange)	Union of South Africa		2		Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			2	Calif.*
<i>Aspidiotus cryptoxanthus</i> Ckll. (Coccidae):					
<i>Castanea</i> sp. (chestnut)	do			1	D. C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Schima</i> sp.	do			1	Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas		1		Fla.*
Araccae	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Mexico, Panama.	3	1	1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Japan			1	Calif.*
<i>Haworthia</i> sp.	Union of South Africa			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Cuba	1			Fla.*
Plant—unidentified	Panama			1	Ala.
<i>Swietenia mahagoni</i> (mahogany)	Dominican Republic			1	Fla.

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<i>Aspidiotus herculeanus</i> Kkll. & Hadd. (Coccidae):					
<i>Chrysophyllum cainito</i> (star-apple)	Cuba	1			Fla.*
<i>Aspidiotus latastei</i> Kkll. (Coccidae):					
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			N. Y.
<i>Aspidiotus palmarum</i> Kkll. (Coccidae):					
Araceae	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Mexico, Nicaragua	2			Calif.*
<i>Laurus nobilis</i> (Grecian laurel)	Brazil	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
<i>Vriesia</i> sp.	Germany			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae):					
Plant—unidentified	Mexico	1			Tex.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Cuba, Mexico	1		1	Fla., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Broughtonia lilacina</i> (orchid)	Jamaica			1	Hawaii
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	Calif.*
<i>Gongora</i> sp. (orchid)	Canal Zone			1	Calif.*
Orchid	Cuba, Panama, Trinidad			3	Fla., P. R.
<i>Asterolecanium pustulans</i> (Kkll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Jamaica			1	Fla.
<i>Nerium oleander</i> (oleander)	Cuba	1			Fla.*
<i>Plumeria</i> sp.	Mexico			1	Ariz.
<i>Asterolecanium steniae</i> Brain (Coccidae):					
<i>Caralluma maculata</i>	Union of South Africa			1	N. J.
<i>Heurnia campanulata</i>	do			1	N. J.
<i>Heurnia</i> sp.	do			1	N. J.
<i>Piранthus pulcher</i>	do			1	N. J.
<i>Aufeius impressicollis</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Aulacaspis tegalensis</i> (Zehnt.) (Coccidae):					
<i>Cymbopogon citratus</i> (demon grass)	Java		1		Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Barbados, Brazil, Salvador	4			Calif.* Fla.* P. R.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae):					
<i>Euphorbia pulcherrima</i> (poinsettia)	Mexico			1	Ariz.
<i>Bostrychophytes cornutus</i> (Oliv.) (Bostrychidae):					
<i>Khaya</i> sp.	Liberia	1			La.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Brachycerus alpinus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	5			Md., N. Y.
<i>Brachyplatys deplanatus</i> (Eschscholtz) (Pentatomidae):					
Vine—unidentified	Philippines	1			Calif.*
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae):					
Soil around plants	Canada			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Belgium		1		N. Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
In box containing <i>Vanda lewis</i>	Hawaii	1			Hawaii
<i>Brevipalpus australis</i> (Tucker) (Phytoseptipidae):					
<i>Odontonia</i> sp. (orchid)	France			1	Wash.
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Lebanon	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	France, Italy, Netherlands	7			N. Y., Pa.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	1			Mass.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass pea)	Italy	1	---	1	Mass., N. J.
<i>Lathyrus</i> sp.	do	---	---	1	N. J.
<i>Pisum sativum</i> (pea)	Yugoslavia	---	---	1	Pa.
<i>Vicia faba</i> (broadbean)	Italy	1	---	1	N. J., N. Y.
<i>Vicia faba</i> var.	do	1	---	---	N. Y.
<i>Brubia praeliosi</i> Koch (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Chile	1	---	---	N. Y.
<i>Coccicia pronubana</i> (Hbn.) (Tortricidae):					
<i>Punica granatum</i> (pomegranate)	Italy, Yugoslavia	2	---	---	N. Y., Pa.
<i>Calidum rufipenne</i> Mots. (Cerambycidae):					
Wood	Japan	1	---	---	N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	Mexico	---	---	3	Tex.
<i>Philodendron</i> sp.	do	---	---	1	Tex.
<i>Carpocoris pudicus</i> (Poda) (Pentatomidae):					
<i>Gladiolus</i> sp.	Unknown	---	1	---	N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Fauhinia purpurea</i> (purple bauhinia)	India	---	---	1	N. J.
<i>Fauhinia</i> sp.	do	---	---	1	D. C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp.	Portugal	1	---	---	N. Y.
Cactus	Italy	3	---	---	N. Y.
<i>Citrus limon</i> (lemon)	Madeira Islands	1	---	---	Mass.
<i>Citrus paradisi</i> (grapefruit)	Algeria, France, Israel, Lebanon, Spain.	---	6	---	Ala., La., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Africa, Italy, Portugal, Spain.	8	4	---	Mass., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange)	Egypt, Morocco, Israel, Italy, Portugal, Spain.	5	12	---	Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee)	Hawaii	1	1	---	Calif.*
<i>Cydonia oblonga</i> (quince)	Italy	3	---	---	N. Y.
<i>Ficus carica</i> (fig)	Greece, Italy	3	---	---	Mass., N. Y.
Fruits—with various.	Unknown	1	---	---	N. Y.
<i>Malus sylvestris</i> (apple)	France, Italy, Portugal	1	2	---	Md., N. Y.
<i>Mangifera indica</i> (mango)	Madeira Islands	1	---	---	Mass.
<i>Opuntia compressa</i> (prickly pear)	Italy	6	---	---	N. Y.
<i>Opuntia</i> sp.	do	1	---	---	Ill.
<i>Prunus armeniaca</i> (apricot)	Algeria	---	1	---	N. Y.
<i>Prunus persica</i> (peach)	Azores, France, Israel, Italy, Portugal, Spain, Tripoli.	6	12	---	Mass., N. Y., Pa.
<i>Psidium guajava</i> (guava)	Azores	2	---	---	Mass.
<i>Punica granatum</i> (pomegranate)	Greece, Italy, Lebanon	5	---	---	N. Y.
<i>Pyrus communis</i> (pear)	France, Greece, Italy	3	1	---	Mass., N. Y.
<i>Vitis</i> sp. (grape)	France	---	1	---	Mass.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee)	Hawaii	3	---	---	Hawaii
<i>Mangifera indica</i> (mango)	do	1	---	---	Hawaii
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.	do	1	---	---	Calif.*
<i>Gardenia</i> sp.	do	---	---	1	Calif.*
<i>Pinus parviflora</i> (Japanese white pine)	Japan	---	---	1	Calif.*
<i>Schima</i> sp.	do	---	---	1	Calif.*
<i>Ceroplastes ruscii</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Italy	---	---	1	N. Y.
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Feijoa</i> sp.	New Zealand	---	---	1	Hawaii
<i>Chaetoptelius vestitus</i> (Rey) (Scolytidae):					
<i>Pistacia</i> sp. (pistache)	Turkey	1	---	---	N. Y.
<i>Chelymophra alternans</i> Boh. (?) (Chrysomelidae):					
Airplane	Unknown	---	1	---	Fla.*
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China, Formosa, Japan	19	2	---	Calif.* D. C., Hawaii, Wash.

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"Chionaspis" leucadendri Brain (Coccidae): Leucadendron argenteum (silver leucadendron)...	Union of South Africa...	2			Mass.
Chrysomphalus agavis (Townsend & Ckll.) (Coccidae): Agave stricta (hedgehog agave)...	Mexico			1	Ariz.
Chrysomphalus albopictus (Ckll.) (Coccidae): Citrus sinensis (orange)...	do		1		Calif.*
Chrysomphalus personatus (Comst.) (Coccidae): Citrus aurantifolia (lime)...	do	1			Calif.*
Citrus paradisi (grapefruit)...	Brazil		1		Calif.*
Persea americana (avocado)...	Mexico	1			Tex.
Chrysomphalus rossi (Mask.) (Coccidae): Ficus rubiginosa (rusty fig)...	Australia			1	Calif.*
Leucospermum sp.	Union of South Africa	1			Mass.
Chrysomphalus scutiformis (Ckll.) (Coccidae): Costus speciosus (canerose spiral flag)...	Brazil	1			Tex.
Chrysomphalus tingi (McKenzie) (Coccidae): Phalaenopsis amabilis (orchid)...	Philippines			1	Calif.*
Phalaenopsis sp.	do			1	Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae): Oncidium isthm (orchid)...	Panama			1	Tex.
Oncidium panamense (orchid)...	Canal Zone			1	N. J.
Orchid	Canal Zone, Mexico			2	Fla., Tex.
Clypea ambiguella Hbn. (?) (Phalonitidae): Vitis sp. (grape)...	France		1		Mass.
Coccotrypes dactyliperda (F.) (Scolytidae): Phoenix dactylifera (date)...	Mexico	1			Calif.
Coccus acutissimus (Green) (Coccidae): Cycas sp.	Hawaii	1			Hawaii.
Coccus capparidis (Green) (Coccidae): Cyrtopodium hirsutissimum (orchid)...	India			1	N. J.
Coccus viridis (Green) (Coccidae): Chrysophyllum cainito (star-apple)...	Cuba	1			Fla.*
Coffea arabica (Arabian coffee)...	Hawaii	1			Calif.*
Coffea sp.	Brazil, Cuba, Hawaii, Puerto Rico	3	1	1	Calif.,* Fla.*
Diospyros sp. (persimmon)...	Italy	1			N. Y.
Gardenia augusta (gardenia)...	Cuba, Hawaii, Panama	29	1	1	Calif.,* Fla. Hawaii.
Ixora sp.	Jamaica			1	Fla.
Leaf—unidentified	Hawaii			1	Calif.*
Plumeria sp.	do			1	Calif.*
Conchaspis angraci Ckll. (Coccidae): Brassia caudata (orchid)...	Canal Zone			1	Calif.*
Leaf—unidentified	Peru	1			Fla.*
Conotrachelus aguacatae Barber (Curculionidae): Persea americana (avocado)...	Mexico	64			Tex.
Cordylomera spinicornis (F.) (Cerambycidae): Khaya sp.	Gold Coast	1			Mass.
Cosmopolites sordidus (Germ.) (Curculionidae): Musa paradisiaca sapientum (banana)...	Mexico	1			Tex.
Crochilus scabrosus Uhler (Lygaeidae): Orchid	do			1	Tex.
Cryphula apicatus (Dist.) (Lygaeidae): Cactus	do			1	Tex.
Cryptoblabes gnidiella (Mhl.) (Phycitidae): Carica papaya (papaya)...	Bermuda			1	N. Y.
Castanea sp. (chestnut)...	Italy	1			N. Y.
Citrus limon (lemon)...	do		1		N. Y.
Coccolobus urifera (seagrape)...	Bermuda	1			N. Y.
Punica granatum (pomegranate)...	Italy, Yugoslavia	10			N. Y.
Cryptophlebia illepidia (Btlr.) (Olethreutidae): Pithecellobium dulce	Hawaii	1			Hawaii
Cryptorhynchus mangiferae (F.) (Curculionidae): Mangifera indica (mango)...	Hawaii, India	6	1	2	Calif., N. Y.
Curculio elephas (Gyll.) (Curculionidae): Castanea sp. (chestnut)...	Italy, Portugal	35	1	1	Mass., N. J., N. Y., Tex.

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<i>Cyclocephala cubana</i> Chpn. (Scarabaeidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Cyclocephala lunulata</i> Burm. (Scarabaeidae): Airplane.....	Costa Rica.....		1		Fla.*
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	India, Indonesia.....		5		H a w a i i, N. Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	China, India, Thailand.....	3			Calif., Mass.
<i>Cylas formicarius</i> var. <i>elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Costa Rica, Cuba, Curacao, Jamaica, Mexico, Puerto Rico.	17	14		Ala., Fla., Ga., La., Md., N. Y., Pa., S. C., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	British West Africa, Gold Coast, Sierra Leone.		5		Mass., N. Y., Pa., Va.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Dactylopius coccus</i> Costa (Coccidae): <i>Grusonia bradiana</i> (cactus).....	do.....			1	Tex.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Tex.
<i>Cucumis sativus</i> (cucumber).....	do.....	2	1		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		12		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane.....	do.....		1		Hawaii
<i>Eugenia malaccensis</i> (Malay-apple).....	do.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	1	1		Calif., Ha- waii.
<i>Musa paradisica sapientum</i> (banana).....	do.....		1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Capsicum frutescens grossum</i> (bell pepper).....	do.....		1		Wash.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		Ala.
<i>Pithecellobium dulce</i> (guamachil).....	do.....	1			Hawaii
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive).....	Azores, Greece, Italy, Lebanon, Libya, Palestine, Turkey.	46		1	Mass., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Orchid.....	Mexico.....			1	Tex.
<i>Delphacodes dissipata</i> Muir (Delphacidae): Airplane.....	do.....		1		Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....	1			N. Y.
<i>Cortaderia selloana</i> (selloa pampasgrass).....	New Zealand.....		1		D. C.
<i>Dianthus</i> sp. (carnation).....	Azores.....	1			Mass.
<i>Lactuca sativa</i> (lettuce).....	Lebanon.....		1		Mass.
<i>Zantedeschia aethiopica</i> (calla lily).....	Azores.....		1		Mass.
<i>Diabrotica lepidus</i> (Say) (Chrysomelidae): <i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus</i> sp.....	do.....		1		Calif.*
<i>Gardenia</i> sp.....	do.....		1		Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.....	Dominican Republic.....	1			Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Jasminum</i> sp.....	Philippines.....			1	Calif.*
<i>Diaphania unionalis</i> (Hbn.) (?) (Pyraustidae): <i>Olea europaea</i> (olive).....	Italy.....			1	N. Y.
<i>Dinoderus brevis</i> Horn (Bostriichidae): Bamboo.....	India.....	1			N. Y.
"Awali mats".....	Philippines.....	1			Tex.

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<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Orchid	Mexico			3	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Packing around <i>Dioscorea</i> roots	Guatemala			1	D. C.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Cactus	Mexico	1			Tex.
<i>Dysdercus obliquus</i> (H. S.) (Pyrrhocoridae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Earias insulana</i> f. <i>semifascia</i> Warren (Phalaenidae): <i>Gossypium</i> sp. (cotton; boll)	Syria	1			D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): Orchid	Mexico			2	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	do	6	1		Tex.
<i>Ereunetes flavistrata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)	Cuba, Hawaii	2			Calif.,* Ha- wail.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): <i>Bursus semipervirens</i> (box)	England, Netherlands			4	N. J.
<i>Bursus</i> sp.	Netherlands			3	N. J.
<i>Eucactophagus aurocinctus</i> Champ. (Curculioni- dae): <i>Cycnoches</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Eulachnus piniformosanus</i> Takah. (?) (Aphidae): <i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Eurytoma orchiderarum</i> (Westw.) (Eurytomidae): <i>Cattleya mossiae</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp. (orchid)	do			3	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Nether- lands Guiana, Venez- uela.	8			Ala., La., Md., Pa.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae): Orchid	Mexico			4	Tex.
<i>Evergessis forficatis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Ireland	1	1		Mass., N. Y.
<i>Evergessis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	Mexico			1	Tex.
<i>Eryptochloera albomaculata</i> (Dist.) (Lygaeidae): <i>Philodendron</i> sp.	do			1	Tex.
<i>Eryptochloera formosa</i> (Dist.) (Lygaeidae): <i>Tillandsia</i> sp.	do			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae): <i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Ferrisia virgata</i> (Ckl.) (Coccidae): <i>Asplenium nidus</i> (bird's nest fern)	Palmyra Island			1	Hawaii.
<i>Calasium viridiflavum</i> (orchid)	Canal Zone			1	Calif.*
<i>Cycnoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Laelia gutturalis</i> (orchid)	Mexico			2	Calif.*
Orchid	do			1	Ariz.*
<i>Peristera elata</i> (orchid)	Canal Zone			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Tex.
Plant—unidentified	Philippines			1	Calif.*
<i>Randia taitensis</i>	Tahiti	1			Hawaii.
Vine—unidentified	Philippines	1			Calif.*
<i>Fiorinia japonica</i> Kuw. (Coccidae): <i>Pinus</i> sp. (5-leaved pine)	Japan			1	Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae): Cut flowers—mixed	Bermuda	1			N. Y.
<i>Hibiscus</i> sp.	do	2			N. Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum</i> sp.	Japan	1	2		Calif.,* Wash.
<i>Frankliniella fortissima</i> Pr. (Thripidae): <i>Gladiolus</i> sp.	Mexico	1			Calif.*

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<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus barbatus</i> (sweet-william)	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation)	do	3			N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Sweden, unknown	1	1		N. Y.
<i>Lathyrus</i> sp.	Unknown		1		N. Y.
<i>Linaria</i> spp.	Ireland	1			N. Y.
<i>Lupinus</i> sp. (lupine)	Unknown		1		N. Y.
<i>Rosa</i> sp. (rose)	Germany	1			N. Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Ornithogalum thyrsoides</i> (chinkericee)	Union of South Africa	1			D. C.
<i>Furcaspis bifor mis</i> Ckl. (Coccidae):					
<i>Brassica nodosa</i> (orchid)	Canal Zone			1	Calif.*
<i>Cattleya</i> sp. (orchid)	Canal Zone, Hawaii, Venezuela			5	Calif.* Fla., N. J.
<i>Epidendrum atropurpureum</i> (orchid)	do			1	Calif.*
<i>Epidendrum oncidoides</i> (orchid)	do			1	Calif.*
<i>Epidendrum</i> sp.	do			3	Calif.* Fla.
<i>Laelia rubescens</i> (orchid)	Costa Rica			1	Calif.*
<i>Oncidium confusum</i> (orchid)	Canal Zone			1	Tex.
<i>Oncidium isthm</i>	Panama			1	Tex.
<i>Oncidium panamense</i>	Canal Zone			1	Tex.
<i>Oncidium</i> sp.	Canal Zone, Panama			2	Fla., Tex.
Orchid	Barbados, Canal Zone, Hawaii, Netherlands, Gulana, Panama, Venezuela			12	Calif.* Fla., P. R., Tex.
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Ireland, Scotland	4			Ill., N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	Mexico			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Punica granatum</i> (pomegranate)	Italy	1			Mass.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	2			Ariz.
<i>Capsicum frutescens longum</i> (chili pepper)	do	1			Calif.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp.	do			1	D. C.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Spain		1		Pa.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (artichoke)	Algeria, France		2		N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i>	France		1		Tex.
<i>Gracilaria azaleella</i> Brants (Gracilaridae):					
<i>Rhododendron palestrina</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	England, France, Netherlands			6	N. J., N. Y.
<i>Grapholita molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Korea	1			Minn.
<i>Gymnaetron beccabungae</i> var. <i>nigrum</i> Walt. (Curculionidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Gymnandrosoma aurantianum</i> DeCosta Lima (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Venezuela		1		La.
<i>Haplorthrips gowdeyi</i> (Frankl) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	1			Mass.
<i>Bryophyllum</i> sp.	do			2	N. Y.
<i>Codiaeum</i> sp. (croton)	Jamaica	1			N. Y.
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. J.

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<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			N. Y.
<i>Protea reflexa</i>	do.	1			N. Y.
<i>Helipus caecus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Greece, Italy	3			Ill., Mass., N. Y.
<i>Quercus trojana</i> (Macedonian oak)	Italy			1	D. C.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrychidae):					
Wood box	India	5			Calif.*
<i>Heterogaster urticae</i> (F.) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	England		1		S. C.
<i>Hymenia perspectalis</i> (Rbn.) (Pyraustidae):					
Flowers—mixed	Mexico	1			Tex.
<i>Hypoborus ficus</i> Er. (Scolytidae):					
<i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Hypolithus riparius</i> (F.) (Elateridae):					
Grass sod	Scotland	1			Pa.
<i>Icerya aegyptiaca</i> Dougl. (Coccidae):					
Plant—unidentified	Straits Settlements		1		Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Azores	1			Mass.
Bulb—unidentified	do.			1	Mass.
<i>Dianthus</i> sp. (carnation)	Portugal	1			N. Y.
<i>Ficus carica</i> (fig)	do.	1			Mass.
Flowers—mixed	Azores, Madeira Islands	2			Mass., N. Y.
<i>Leucophyllum</i> sp.	Union of South Africa	1			N. Y.
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
Orchid	Portugal	1			N. Y.
<i>Protea grandiceps</i> (great protea)	Union of South Africa	1			Mass.
Proteaceae	do.	1			Mass.
Soil with ferns	Azores			1	Mass.
Straw jacket	do.	1			Mass.
<i>Vitis</i> sp. (grape)	Chile, Union of South Africa	3			N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Miltonia roezli</i> (orchid)	Guatemala			1	N. J.
<i>Odontoglossum grande</i> (orchid)	do.			1	N. J.
<i>Oncidium</i> sp. (orchid)	do.			2	N. J.
Orchid	do.			2	Fla., Tex.
Packing	British West Indies	1			N. J.
<i>Isorhinus depressus</i> Champ. (Curculionidae):					
<i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
Orchid	do.			1	Tex.
<i>Tillandsia</i> sp.	do.			1	Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Galanthus</i> (?) sp.	New Zealand			1	Mich.
<i>Narcissus</i> sp.	Italy, Netherlands			5	Calif.,* N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.	Hawaii	20			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	do.	1			Calif.*
<i>Lardoglyphus zacheri</i> Oudms. (Lardoglyphidae):					
Sea shell	Mexico	1			Ariz.
<i>Lasioptera rubi</i> Heeger (?) (Itonididae):					
<i>Rubus loganobaccus</i> (loganberry)	England			2	N. J.
<i>Laspeyresia leguminus</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Peru			1	Tex.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea)	England, Italy			2	Pa., Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy, Japan, Portugal, Yugoslavia	32		1	Calif.,* Mass., N. Y.

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<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea</i> sp. (spruce).....	Germany.....	2			N. Y., Wash.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Aeculus carnea</i> (red horsechestnut).....	Netherlands.....		1		N. J.
<i>Crataegus monogyna</i> (English hawthorn).....	England.....		1		N. J.
<i>Lema quinquenotata</i> Clark (Chrysomelidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	2			Mass.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Prunus</i> sp.....	Japan.....			1	Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....		1		N. Y.
<i>Ficus</i> sp.....	Algeria, Italy, Lebanon, Syria.....		4		Calif.* D. C., N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Calif.*
<i>Juniperus</i> sp. (juniper).....	do.....			4	Calif., Wash.
<i>Picea</i> (?) sp.....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Okl.) (Coccidae):					
Cactus.....	Mexico.....			2	Tex.
<i>Cereus</i> sp. (cactus).....	do.....			1	Tex.
<i>Myrtillocactus</i> sp. (cactus).....	do.....			5	Tex.
<i>Pachycereus marginatus</i> (cactus).....	do.....			1	Tex.
<i>Pilocereus palmeri</i> (cactus).....	do.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Ku.w.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....	3		3	Calif.*
<i>Codiaeum</i> sp.....	Guam, Hawaii, Panama.....	1		2	Ala., Hawaii.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia, Philippines.....			11	Calif., Hawaii.
<i>Monanthes lauriflora</i>	Canary Islands.....			1	Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	2			N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Nicaragua, Salvador.....	3			Calif.*
<i>Citrus aurantium</i> (sour orange).....	Trinidad.....		1		Fla.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Cuba, Dominica, Panama.....		5		Calif.*
<i>Citrus sinensis</i> (orange).....	Canal Zone, Jamaica, Panama.....	1	4		Calif., Fla.*
Orchid.....	Canal Zone, Costa Rica.....			2	Calif.*
<i>Leucaspis indica</i> Marl. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Jamaica.....			1	Fla.
<i>Leucinodes orbonalis</i> Gn. (Pyrastidae):					
<i>Solanum melongena</i> (eggplant).....	Indonesia.....		1		Hawaii.
<i>Lichtensia viburni</i> Sign. (Coccidae):					
<i>Hedera colchica</i> (Colchis ivy).....	England.....			1	N. J.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4			Ariz., Tex.
<i>Loxostege similalis</i> (Gn.) (Pyraustidae):					
<i>Celosia</i> sp. (cockscorn).....	do.....	1			Tex.
Flowers-mixed.....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Lyctus spinifrons</i> (Lesne) (Lyctidae):					
Wooden case.....	India.....	3			Calif.*
<i>Malacosoma neustria</i> (L.) (?) (Lasiocampidae):					
<i>Prunus mume</i> (Japanese apricot).....	Japan.....			1	Hawaii.

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<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery).....	Denmark		1		La.
<i>Brassica napobrassica</i> (rutabaga).....	England		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Ireland, Italy	1	3		Mass., N. Y.
<i>Petroselinum crispum</i> (parsley).....	France		1		Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii	10			Calif.,*
<i>Phaseolus vulgaris</i> var. (string bean).....	Hawaii, Japan, Netherlands Guiana.	1	4		Hawaii, Ala., Calif.,* Oreg., Wash., Calif.*
<i>Phaseolus</i> sp.....	Hawaii		1		
<i>Megalometis chiliensis</i> Boh. (Cureulionidae):					
<i>Prunus domestica</i> (plum).....	Chile	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do	1			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Unknown	Germany	1			N. Y.
<i>Metamasius habelatus</i> (Gyll.) (Cureulionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	1			Tex.
<i>Metamasius sericeus</i> (Oliv.) (Cureulionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Guatemala, Panama.	33			Calif.,* S. C., Tex.
<i>Micrelus ericae</i> Gyll. (Cureulionidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland	1			N. Y.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Aster</i> sp.....	Trinidad	1			N. Y.
<i>Helichrysum</i> sp.....	India		1		N. Y.
<i>Lonicera</i> sp. (honeysuckle).....	do		1		N. Y.
<i>Microvelia azteca</i> Drake (Veliidae):					
Bromeliad	Mexico			6	Tex.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)	Venezuela	1			Fla.*
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Tree seed	Dominican Republic			1	P. R.
<i>Minthea obsita</i> Woll. (Lyctidae):					
<i>Khaya</i> sp.....	Liberia	1			La.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Wooden box	India	1			Calif.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
<i>Tillandsia</i> sp.....	Mexico			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Guam	1			Tex.
Fern	Yap Island			1	Hawaii,
Orchid	Jamaica			1	N. J.
<i>Rosa</i> sp.....	Canada			1	N. Y.
<i>Zingiber officinale</i> (ginger)	Jamaica	1			
<i>Mormidea cubrosa</i> (Dallas) (Pentatomidae):					
Flowers	Mexico	1			Tex.
<i>Tillandsia</i> sp.....	do			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid	do			3	Tex.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Swietenia mahagoni</i> (mahogany)	Honduras	1			La.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	4			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		Md.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae):					
Grass	Philippines	1			Calif.,*
<i>Opogona aurisquamosa</i> (Butl.) (Tineidae):					
<i>Ananas comosus</i> (pineapple)	Hawaii	1			Calif.,*
<i>Orthotylus erictorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Oryzarenius latus</i> Kirby (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed)	Pakistan			1	D. C.
<i>Oryzctenia jucunda</i> (Fald.) (Scarabaeidae):					
Airplane	Japan			1	Hawaii.
<i>Pachygontha oedaneolodes</i> Stal (Lygaeidae):					
Orchid	Mexico			1	Tex.

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<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Centaurea cyanus</i> (bachelors-button).....	Mexico.....	1	—	—	Tex.
<i>Chrysanthemum</i> sp.....	do.....	1	—	—	Tex.
<i>Pagiocerus florii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn).....	Peru.....	—	—	1	N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam).....	Jamaica.....	2	—	—	Fla.*
<i>Zingiber officinale</i> (ginger).....	do.....	1	—	—	N. Y.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajava</i>	Mexico.....	—	—	1	Ariz.
<i>Paralloeodiplosis catleyae</i> (Molliard) (?) (Itonididae):					
Orchid.....	Costa Rica.....	—	—	1	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.....	Japan.....	—	—	7	Calif.* Wash.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Pyrus</i> sp.....	do.....	—	—	1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	—	2	—	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Bolivia, Brazil, Uruguay.....	2	2	—	Calif.* Fla.*
<i>Citrus paradisi</i> (pomelo).....	Formosa.....	1	—	—	Minn.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Mexico, Trinidad.....	1	4	—	Calif.* Fla.*
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango).....	India.....	—	—	1	D. C.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Greece, Israel, Italy.....	3	—	—	N. Y.
<i>Olea europaea</i> (olive).....	Portugal.....	1	—	—	Mass.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid).....	Philippines.....	—	—	1	Calif.*
<i>Cymbidium</i> sp. (orchid).....	do.....	—	—	1	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Thailand.....	—	—	1	Calif.*
<i>Hoya macrophylla</i>	Indonesia.....	—	—	1	N. J.
Plant—unidentified.....	Canal Zone.....	—	—	1	Calif.*
<i>Vanda teres</i> (orchid).....	Ceylon.....	—	—	1	N. J.
<i>Vanda</i> sp.....	Canal Zone.....	—	—	1	D. C.
<i>Parlatoria pyri</i> Marlatt (Coccidae):					
<i>Acer</i> sp.....	Japan.....	—	—	1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Philippines.....	1	—	—	Calif.*
<i>Citrus limon</i> (lemon).....	France, Italy.....	—	3	—	Calif.* Fla.* Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria.....	—	1	—	Pa.
<i>Citrus sinensis</i> (orange).....	Algeria, Italy, Spain.....	—	4	—	Calif.* Fla.* Pa.
<i>Pealius hibisci</i> (Kot.) Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1	—	—	Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed).....	Brazil, Hawaii, Mexico.....	56	10	1	Calif.* P. R., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	129	25	—	Tex.
<i>Gossypium</i> sp. (cotton; boll).....	Bahamas, Greece, Hawaii, Jamaica, Mexico.....	9	4	—	Calif.* Fla.* Hawaii, N. Y., Tex.
<i>Gossypium</i> sp. (cotton; bale).....	India.....	1	—	—	S. C.
<i>Gossypium</i> sp. (cotton; lint).....	Mexico.....	1	—	—	Tex.
<i>Hibiscus esculentus</i> (okra).....	Brazil, Trinidad.....	2	—	—	Fla.* N. Y.
Railway car.....	Mexico.....	—	1	—	Tex.
Truck.....	do.....	—	1	—	Tex.
<i>Pentamerismus oregonensis</i> McGregor (Phytop- tipalpidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....	—	—	1	Wash.
<i>Perkinsiella vitensis</i> Kirk. (Delphacidae):					
Airplane.....	Fiji Islands.....	—	—	1	Hawaii.

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<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Dominica, Gold Coast.....	1	1	1	N. Y., P. R.
<i>Brassica rapa</i> (turnip).....	Cuba.....		1		Pa.
<i>Chrysanthemum</i> sp.....	Bermuda.....	1			N. Y.
Flowers—mixed.....	do.....	1			N. Y.
<i>Gossypium</i> sp. (cotton; boll).....	do.....	1			N. Y.
<i>Hibiscus</i> sp.....	do.....			1	N. Y.
<i>Lilium longiflorum</i> (Easter lily).....	do.....			1	Mass.
<i>Lilium</i> sp.....	do.....	2			N. Y.
Orchid.....	Brazil.....			1	N. J.
<i>Yucca</i> sp.....	Bermuda.....			1	N. Y.
<i>Phenacaspis fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Gardenia</i> sp.....	do.....			1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Phila febrilis</i> (L.) (Bibionidae):					
<i>Zinnia</i> sp.....	Germany.....	1			N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			Mass.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Sweden.....			1	Mass.
<i>Phytoptus avellanae</i> Nal. (Eriophyidae):					
<i>Corylus maxima purpurea</i>	Netherlands.....			1	N. J.
<i>Pteris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Denmark, France.....			2	N. Y., Va.
<i>Pteris brassicae</i> (L.) (?) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....	1			Mass.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
Araceae.....	Canal Zone.....			1	Fla.
<i>Cordytine terminalis</i> (dracena).....	do.....			1	N. J.
Leaf—unidentified.....	Costa Rica.....			2	Tex.
<i>Monstera</i> sp.....	Cuba.....			1	D. C.
<i>Scindapsus aureus</i> (Solomon Islands ivy-arum).....	Hawaii.....			1	Calif.*
<i>Strelitzia</i> sp.....	do.....	1			Calif.*
<i>Pinnaspis scrobicularum</i> (Green) (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid).....	Philippines.....			1	Calif.*
<i>Vanda liztonica</i> (orchid).....	do.....			1	Calif.*
<i>Vanda sanderiana</i>	do.....			1	Calif.*
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.....	Japan.....			1	Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark on crate.....	Sweden.....	1			Tex.
<i>Picea</i> sp. (spruce).....	do.....	2			Mass., N. Y.
<i>Pinus</i> sp.....	do.....	1			N. Y.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark on crate.....	Mexico.....	1			Calif.
<i>Plagioderia thymaloides</i> Stal (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Capiscum frutescens</i> (pepper).....	do.....	2			N. Y.
<i>Capiscum frutescens grossum</i> (bell pepper).....	Trinidad.....			1	Ala.
<i>Lippia</i> sp.....	Costa Rica.....	1			P. R.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	6			Tex.
<i>Sechium edule</i> (chayote).....	do.....	1			Tex.
" <i>Palaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....			1	Calif.*
<i>Pinus</i> sp.....	do.....			1	Pa.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	3			Mass., N. Y.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.

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<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane.....	Wake Island.....		1		Hawaii.
<i>Gladiolus</i> sp.....	Israel.....	3			N. Y.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Dianthus</i> sp. (carnation).....	Bermuda.....	1			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Cephalocereus senilis</i> (cactus).....	Mexico.....			1	Tex.
<i>Protactia orientalis</i> (Gory & Perch.) (Scarabaeidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Protopulvinaria longirivata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Panama (?), Trinidad.....	1	1		Calif.,* Fla., Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Panama.....	1		1	Fla., La.
<i>Izora</i> sp.....	Barbados.....	1			P. R.
<i>Pseudonidia curculiginis</i> (Green) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Pseudonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citris aurantifolia</i> (lime).....	Colombia.....	1			Fla.*
Ground creeper—unidentified.....	Trinidad.....			1	P. R.
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Salvador.....			1	Fla.
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	Panama.....	1			Fla.*
<i>Pseudischinaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Nicaragua, Panama.....	2			Calif.*
<i>Pseudococcus filamentosus</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Colombia.....		1		Pa.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium domesticum</i> (langsat).....	Philippines.....	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Pseudococcus pandanicola</i> Tak. (Coccidae):					
<i>Pandanus</i> sp.....	Arno Atoll Island.....			1	Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....	1			Wash.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			1	Calif.*
<i>Pseudococcus trichiliae</i> Brain (Coccidae):					
<i>Leucadendron argenteum</i>	Union of South Africa.....	1			Mass.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Cercidium</i> sp. (paloverde).....	Mexico.....			1	Ariz.
<i>Pseudothrips glaucus</i> Bagn. (?) (Thripidae):					
<i>Berzella intermedia</i>	Union of South Africa.....	1			N. Y.
<i>Protea reflexa</i>	do.....	1			N. Y.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Raphanus sativus</i> (radish).....	Italy.....		1		Pa.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Calif.*
<i>Eryophyllum</i> spp.....	do.....	1			Hawaii.
Plant—unidentified.....	Bermuda.....			1	Mass.
<i>Rhododendron</i> sp.....	do.....	1			N. Y.
<i>Puto ulter Ferris</i> (Coccidae):					
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	N. J.
<i>Odontoglossum</i> sp.....	do.....			1	Wash.
Ochid.....	do.....			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	Italy, Trieste, unknown.....	1	3		N. Y., Pa., Tex.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Egypt.....		1		Pa.
<i>Chrysanthemum</i> sp.....	Japan.....		1		Wash.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....		2		Wash.
<i>Solanum melongena</i> (eggplant).....	Formosa.....		1		Wash.
<i>Sorghum vulgare technicum</i> (broomecorn).....	Italy.....	8			Md., Mass., N. Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, France, Italy, Portugal, Switzer- land, unknown.....	5	8		Mass., N. Y.

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<i>Rhagoletis completa</i> Cress. (Tephritidae):					
<i>Juglans</i> sp. (walnut)	Mexico	3			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Mexico, unknown	36			Ariz., Fla.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Sweden		1		N. Y.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Ribua innoxia</i> Hein. (Phytidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N. Y.
<i>Scepticus insularis</i> Roelofs (Curculionidae):					
Packing around plants	Japan			1	Wash.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae):					
<i>Oryza sativa</i> (rice)	do	1			Hawaii.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
Ixtle	Mexico	1			Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Greece, Italy, Morocco	19			Md., Mass., N. Y., Tex., Va. N. Y.
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sesamia nonagrioides</i> Lef. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Morocco	1			Md.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp.	Philippines	1			Tex.
Wood	India	3			N. Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
Wood	do	11			Calif.,* N. Y., Tex.
<i>Sinoxylon crassum</i> Lesne (Bostrichidae):					
Wood	do	4			Calif.*
<i>Sinoxylon serdentatum</i> Oliv. (Bostrichidae):					
Cork-bale slat	Algeria	1			Pa.
<i>Sirex noctilio</i> F. (Siricidae):					
Woolen goods	Switzerland	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	6			Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	England		1		Pa.
<i>Chrysanthemum</i> sp.	Denmark, Portugal	2			N. Y.
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			2	Tex.
<i>Mammillaria compressa cristata</i> (cactus)	do			1	Tex.
<i>Mammillaria</i> sp.	do			1	Tex.
<i>Spondylis buprestoides</i> L. (Cerambycidae):					
Baggage	Japan	1			Hawaii.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursoap)	Salvador	1			La.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	British Honduras, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru.	21	5		Calif.,* Fla.,* La., N. Y., Tex.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil	1			La.
<i>Strophosoma capitatus</i> (Deg.) (Curculionidae):					
Forest litter with hydrangeas	Germany			1	Wash.
<i>Strophosoma melanogrammus</i> (Forst.) (Curculionidae):					
Soil and woods moss with rosaceous plants	do			1	N. J.

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<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Ill.
<i>Dianthus barbatus</i> (sweet-william).....	Germany, unknown.....	1	1		N. Y.
<i>Dianthus</i> sp. (carnation).....	Czechoslovakia, France, Germany, Sweden.....	10			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden.....	1			N. Y.
<i>Rosa</i> sp. (rose).....	Ireland.....	1			Mass.
<i>Taeniothrips ericæ</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	England, Ireland, Scotland.....	7		1	Ill., N. Y., Pa.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1			N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canaralia</i> sp.....	Hawaii.....	1			Calif.*
<i>Chrysanthemum</i> sp.....	Japan.....	1	1		Wash.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Germany.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Unknown.....		1		N. Y.
<i>Lathyrus</i> sp.....	do.....		1		N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	5			Tex.
<i>Annona muricata</i> (sourson).....	Guatemala.....		2		La.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	19			Tex.
" <i>Targionia</i> " <i>cucurbitae</i> (Ckll.) (Coccidae):					
<i>Prosopis juliflora</i> (mesquite).....	do.....	1			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Dominican Republic, Mexico, Philippines, Trinidad.....	3	2		Calif.* Fla.* Mass., N. Y. P. R.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Saipan.....	1			Oreg.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Puerto Rico.....	2			Fla.* N. Y.
<i>Teleonemia cylindricornis</i> Champ. (Tingidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Guatemala.....			1	N. J.
Orchid.....	Guatemala, Mexico.....			5	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			5	Tex.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
Orchid.....	Brazil.....			1	P. R.
<i>Tephritis armitae</i> (L.) (Tephritidae):					
Flowers—unidentified.....	Switzerland.....	1			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
Leaf—unidentified.....	do.....			1	Ariz.
Legume leaf.....	Cuba.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Ariz.
<i>Tetropium castaneum</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
<i>Tezananus spatulatus</i> (VanD.) (Cicadellidae):					
Airplane.....	Mexico.....			1	Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	do.....	1	1		Tex.
Truck bed.....	do.....		2		Tex.
<i>Tetraleurodes abutilonea</i> (Hald.) (?) (Aleyrodidae):					
Leaf—unidentified.....	do.....	1			Tex.
<i>Tetraleurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....		1		Tex.
<i>Tetraleurodes varia</i> Q. & B. (Aleyrodidae):					
<i>Cucurbita</i> (?) sp.....	Mexico.....	1			Tex.
<i>Trichobaris championi</i> Barber (Curculionidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.

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<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Cuba, Mexico.....	2	1	---	Ariz., Fla.,* Pa. D. C.
<i>Saccharum</i> sp.....	Hawaii.....	---	---	1	---
<i>Unaspis citri</i> (Comst.) (Coccidae): <i>Citrus paradisi</i> (grapefruit).....	Canal Zone.....	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange).....	Brazil, Canal Zone, China, Mexico.....	---	3	---	Calif.,* Fla.*
<i>Citrus</i> sp.....	Haiti.....	2	---	---	Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus limon</i> (lemon).....	Japan.....	1	---	---	---
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	3	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	---	1	---	Calif.*
<i>Citrus reticulata unshiu</i> (satsuma orange).....	do.....	---	27	---	Calif.,* Hawaii.
<i>Citrus sinensis</i> (orange).....	do.....	1	---	---	Wash.
<i>Citrus</i> sp. (orange).....	do.....	1	21	---	Calif.,* Minn. Hawaii.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae): Orchid.....	Philippines.....	1	---	---	---
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): Araceae.....	Mexico.....	---	---	1	Tex.
<i>Aspasia epidendroides</i> (orchid).....	Cuba.....	1	---	---	Fla.*
<i>Brassavola</i> sp. (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Cattleya</i> sp. (orchid).....	Puerto Rico.....	---	1	---	Fla.
<i>Cycnoches</i> spp. (orchid).....	Venezuela.....	---	1	---	N. J.
<i>Epidendrum ciliare</i> (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Epidendrum pachycarpum</i>	Panama.....	---	1	---	Tex.
<i>Epidendrum</i> sp.....	Canal Zone.....	---	1	---	N. J.
<i>Genipa</i> sp. (genip).....	do.....	---	1	---	Calif.*
<i>Gongora</i> sp. (orchid).....	Puerto Rico.....	1	---	---	Fla.*
<i>Laelia leudemannii</i> (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Oncidium citrinum</i> (orchid).....	do.....	---	1	---	Calif.*
Orchid.....	Trinidad.....	---	1	---	N. J.
	Canal Zone, Costa Rica, Cuba, Haiti, Jamaica, Montserrat, Trinidad.	---	8	---	Fla., Mass.
<i>Xestolabus laesicollis</i> (Gyll.) (Curculionidae): Orchid.....	Mexico.....	---	---	1	Tex.
<i>Xyloerthodes nitidipennis</i> (Murray) (Bostrichidae): <i>Triplochiton scleroxylon</i>	Gold Coast.....	2	---	---	La.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae): <i>Khaya</i> sp.....	Gold Coast, Liberia.....	2	---	---	La., Va.
<i>Xylotrupes videon</i> (L.) (Scarabaeidae): Airplane.....	Philippines.....	---	1	---	Hawaii.

Hosts and Insects

- ACACIA:**
Acanthoscelides spinipes (Coleoptera)
- ACEP:**
Parlatoria pyri (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)
- AERIDES:**
Parlatoria pseudaspidiotus (Homoptera)
Pinaspis scrobicularum (Homoptera)
- AESCULUS:**
Lecanium coryli (Homoptera)
- AGAVE:**
Chrysomphalus agavis (Homoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algerus (Coleoptera)
Dyspessa ulula (Lepidoptera)
- ALPINIA:**
Pulvinaria psidii (Homoptera)
- ANANAS:**
Agallia lingula (Hemiptera)
Cyclocephala cubana (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Opogona aurisquamosa (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromiliae (Homoptera)
- ANNONA:**
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Cero-plastes rubens (Homoptera)
- ANTIRRHINUM:**
Haplothrips gowdeyi (Thysanoptera)
- APIUM:**
Mamestra brassicae (Lepidoptera)
- RACEAE:**
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Pinaspis buxi (Homoptera)
Vinsonia stellifera (Homoptera)
- ARRACACIA:**
Anuraphis tulipae (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASPLENIUM:**
Ferrisia virgata (Homoptera)
- ASTER:**
Microcephalothrips abdominalis (Thysanoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
- BAUHINIA:**
Caryedon fuscus (Coleoptera)
- BERZELIA:**
Pseudothrips glaucus (?) (Thysanoptera)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Sitona lineata (Coleoptera)
- BRASSAYOLA:**
Furcaspis biformis (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSIA:**
Conchaspis angraeci (Homoptera)
- BRASSICA NAPOBRASSICAE:**
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestis forficatis (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Agrotis ypsilon (Lepidoptera)
Dero-ceras reticulatum (Mollusca)
Evergestis forficatis (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Pieris brassicae (Lepidoptera)
- BRASSICA RAPA:**
Pheidole megacephala (Hymenoptera)
- BROMELIAD:**
Lema quinquenotata (Coleoptera)
Microvelia azteca (Hemiptera)
- BROUGHTONIA:**
Asterolecanium epidendri (Homoptera)
- BRYOPHYLLUM:**
Haplothrips gowdeyi (Thysanoptera)
Pulvinaria psidii (Homoptera)
- BUXUS:**
Eriophyes canestrinii (Arachnida)
- CACTUS:**
Ceratitis capitata (Diptera)
Cryphula apicatus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Stretonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Mimosestes dominicanus (Coleoptera)
- CALLUNA:**
Aphis callunae (Homoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Parlatoria camelliae (Homoptera)
Pinaspis uniloba (Homoptera)
- CANAVALLA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSICUM:**
Amorbia emigratella (Lepidoptera)
Arvelius albopunctatus (Hemiptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (?) (Diptera)
Faustinus cubae (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- CARALLUMA:**
Asterolecanium stentae (Homoptera)
- CARICA:**
Cryptoblabes gnidiella (Lepidoptera)
Toxotrypana curvicauda (Diptera)
- CASSIA:**
Aganactes indecora (Lepidoptera)
- CASTANEA:**
Aspidiotus cryptozanthus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CATASETUM:**
Ferrisia virgata (Homoptera)
- CATTLEYA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)
- CELOSIA:**
Loxostege similis (Lepidoptera)
- CENTAUREA:**
Pachyzancla bipunctalis (Lepidoptera)
- CEPHALOCEREUS:**
Prostephanus truncatus (Coleoptera)
- CERCIDIUM:**
Pseudodiaspis yuccae (Homoptera)
- CEREUS:**
Lepidosaphes philococcus (Homoptera)
- CHRYSANTHEMUM:**
Cyrtopeltis varians (Hemiptera)
Frankliniella formosae (Thysanoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Sitona lineata (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CHRYSOPHYLLUM:**
Aspidiotus herculeanus (Homoptera)
Coccus viridis (Homoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Aleurothrix floccosus (Homoptera)
Anastrepha ludens (Diptera)

Hosts and Insects—Continued

CITRUS AURANTIFOLIA—Continued

Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)
Leucaspis cockerelli (Homoptera)

CITRUS GRANDIS:

Aonidiella comperei (?) (Homoptera)

CITRUS LIMON:

Aleurocanthus woglumi (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

Anastrepha ludens (Diptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Dialeurodes citri (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Chrysomphalus albopictus (Homoptera)
Gymnandrosoma aurantianum (?) (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SP. (orange):

Unaspis yanonensis (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Unaspis citri (Homoptera)

COCCOLOBIA:

Cryptoblabes gnidiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)

OCOS:

Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Ereunetis flavistriata (Lepidoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudococcus palmarum (Homoptera)

CODIAEUM:

Haplothrips goudyei (Thysanoptera)
Lepidosaphes tokionis (Homoptera)

OFFEA:

Aleurocanthus woglumi (Homoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)

CORDYLINE:

Pinnaspis buxi (Homoptera)

CORTADERIA:

Deroceras reticulatum (Mollusca)

CORYLUS:

Phytoptus avellanae (Arachnida)

COSTUS:

Chrysomphalus scutiformis (Homoptera)

CRATAEGUS:

Lecanium coryli (Homoptera)

CROCUS:

Anuraphis tulipae (Homoptera)

CRYPTOMERIA:

Lepidosaphes pallida (Homoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)

CUCURBITA:

Trialeurodes varia (Homoptera)

CYCAS:

Coccus acutissimus (Homoptera)

CYNOCHES:

Eucactophagus aurocinctus (Coleoptera)
Ferrisia virgata (Homoptera)
Vinsonia stellifera (Homoptera)

CYDONIA:

Ceratitis capitata (Diptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pseudonidia curculiginis (Homoptera)

CYMBOGOGON:

Aulacaspis tegalensis (Homoptera)

CYNARA:

Gortyna flavago (Lepidoptera)

Gortyna ochracea (Lepidoptera)

CYPRIPEDIUM:

Coccus capparidis (Homoptera)

DENDROBIUM:

Parlatoria pseudaspidiotus (Homoptera)

DIANTHUS:

Deroceras reticulatum (Mollusca)
Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Prodenia ornithogalli (Lepidoptera)
Taeniothrips uratus (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)
"Targionia" harti (Homoptera)

DIOSPYROS:

Coccus viridis (Homoptera)

EPIDENDRUM:

Aspidiotus destructor (Homoptera)
Furcaspis bifurmis (Homoptera)
Tenthetocoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)

EUGENIA:

Dacus dorsalis (Diptera)

EUPHORBIA:

Bemisia tabaci (Homoptera)

FEIJOA:

Ceroplastes sinensis (Homoptera)

FICUS:

Ceratitis capitata (Diptera)
Ceroplastes ruscii (Homoptera)
Chrysomphalus rossi (Homoptera)
Hypoborus ficus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)

FRAXINUS:

Leperistinus frazini (Coleoptera)

GALANTHUS(?):

Lampetia equestris (Diptera)

GARDENIA:

Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Ferrisia virgata (Homoptera)
Pealus hibisci (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriforis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENIPA:

Vinsonia stellifera (Homoptera)

GLADIOLUS:

Amorbia emigratella (Lepidoptera)
Carpocoris pudicus (Hemiptera)
Frankliniella fortissima (Thysanoptera)
Prodenia litura (Lepidoptera)

GONGORA:

Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)

GOSSYPIUM:

Earias insulana f. *semifascia* (Lepidoptera)
Oxyarenus lactus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)

Hosts and Insects—Continued

GRUSONIA:

Dactylopius coccus (Homoptera)

HAWORTHIA:

Aspidiotus destructor (Homoptera)

HEDERA:

Lichtensia riburni (Homoptera)

HELICHRYSUM:

Frankliniella schultzei (Thysanoptera)*Haplothrips goudyei* (Thysanoptera)*Microcephalothrips abdominalis* (Thysanoptera)

HEURNIA:

Asterolecanium stentae (Homoptera)

HIBISCUS:

Frankliniella bispinosa (Thysanoptera)*Pectinophora gossypiella* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)

HOYA:

Parlatoria pseudaspidiotus (Homoptera)

IMPATIENS:

Aleuroglandulus emmae (Homoptera)

IPOMOEAE:

Alcidodes dentipes (Coleoptera)*Cylas formicarius* (Coleoptera)*Cylas formicarius* var. (Coleoptera)*Cylas formicarius elegantulus* (Coleoptera)*Cylas puncticollis* (Coleoptera)*Euscepes postfasciatus* (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

IXORA:

Coccus viridis (Homoptera)*Protopulvinaria pyrifomis* (Homoptera)

IXTLE:

Scyphophorus acupunctatus (Coleoptera)

JASMINUM:

Aleurotuberculatus jasmini (Homoptera)*Aonidiella inornata* (Homoptera)*Dialeurodes kirkaldyi* (Homoptera)

JUGLANS:

Phagoletis completa (Diptera)*Phagoletis juglandis* (Diptera)

JUNIPERUS:

Lepidosaphes pallida (Homoptera)*Pentamerismus oregonensis* (Arachnida)

KHAYA:

Amilermes unidentatus (Isoptera)*Bostrychophytes cornutus* (Coleoptera)*Cordylomera spinicornis* (Coleoptera)*Minthea obsita* (Coleoptera)*Sinorylon anale* (Coleoptera)*Xyloperthella crinitarsis* (Coleoptera)

LACTUCA:

Acalymma trinitata (Coleoptera)*Deroceras reticulatum* (Mollusca)*Heterogaster urticae* (Hemiptera)

LAELIA:

Ferrisia virgata (Homoptera)*Furcaspis bifor mis* (Homoptera)*Pseudischinaspis alienus* (Homoptera)*Vinsonia stellifera* (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristis (Coleoptera)*Frankliniella intonsa* (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)¹*Taeniothrips vulgarissimus* (Thysanoptera)

LAURUS:

Aspidiotus palmarum (Homoptera)*Tetraleurodes acaciae* (Homoptera)*Tetraleurodes lauri* (Homoptera)

LENS:

Bruchus lentis (Coleoptera)*Bruchus signaticornis* (Coleoptera)

LEUCADENDRON:

"Chionaspis" leucandendri (Homoptera)*Pseudococcus trichiliae* (Homoptera)

LEUCOPHYLLUM:

Iridomyrmex humilis (Hymenoptera)

LEUCOSPERMUM:

Chrysomphalus rossi (Homoptera)

LILLIUM:

Haplothrips goudyei (Thysanoptera)*Pheidole megacephala* (Hymenoptera)*Taeniothrips gracilis* (Thysanoptera)

LINARIA:

Frankliniella intonsa (Thysanoptera)

LIPPIA:

Platynota rostrana (Lepidoptera)

LONICERA:

Microcephalothrips abdominalis (Thysanoptera)

LUPINUS:

Frankliniella intonsa (Thysanoptera)

LYCOPERSICON:

Dacus cucurbitae (Diptera)*Dacus dorsalis* (?) (Diptera)*Dysdercus obliquus* (Hemiptera)*Ligyrocoris abdominalis* (Hemiptera)*Ligyrocoris auritilliana* (Hemiptera)*Ligyrocoris nitidicollis* (Hemiptera)*Lineodes integra* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)*Platynota rostrana* (Lepidoptera)

MALUS:

Argyresthia confugella (Lepidoptera)*Bryobia praetiosa* (Arachnida)*Ceratitis capitata* (Diptera)*Parlatoria oleae* (Homoptera)*Rhagoletis pomonella* (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

MAMMILLARIA:

Gerstaeckeria mutillaria (Coleoptera)*Sizeonotus luteiceps* (Hemiptera)

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Asterolecanium pustulans* (Homoptera)*Aulacaspis tubercularis* (Homoptera)*Ceratitis capitata* (Diptera)*Cryptorhynchus mangiferae* (Coleoptera)*Dacus dorsalis* (Diptera)*Leucaspis indica* (Homoptera)*Parlatoria morrisoni* (Homoptera)*Pseudischinaspis longissima* (Homoptera)*Pseudococcus filamentosus* (Homoptera)*Tetraleurodes acaciae* (Homoptera)

MILTONIA:

Iridomyrmex iniquus (Hymenoptera)

MONANTHES:

Lepidosaphes tuberculata (Homoptera)

MONSTERA:

Pinaspis buxi (Homoptera)

MUSA PARADISIACA SAPIENTUM:

Aspidiotus destructor (Homoptera)*Aspidiotus palmarum* (Homoptera)*Cosmopolites sordidus* (Coleoptera)*Dacus dorsalis* (Diptera)*Metamasius habetatus* (Coleoptera)*Metamasius sericeus* (Coleoptera)

MYRTILLOCACTUS:

Lepidosaphes philococcus (Homoptera)

NARCISSUS:

Lampetia equestris (Diptera)

NERIUM:

Asterolecanium pustulans (Homoptera)

ODONTOGLOSSUM:

Iridomyrmex iniquus (Hymenoptera)*Puto ulter* (Homoptera)

ODONTONIA:

Brevipalpus australis (Arachnida)

OLEA:

Dacus oleae (Diptera)*Diaphania unionalis* (?) (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)*Phloeotribus scarabaeoides* (Coleoptera)*Prays oleellus* (Lepidoptera)

ONCIDIUM:

Chrysomphalus umboniferus (Homoptera)*Furcaspis bifor mis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Vinsonia stellifera* (Homoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Adoretus sinicus (Coleoptera)*Aeolus rermiculatus* (Coleoptera)*Aspidiotus destructor* (Homoptera)*Asterolecanium epidendri* (Homoptera)

Hosts and Insects—Continued

ORCHID—Continued

- Aufeius impressicollis* (Hemiptera)
Capaneus tetricus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Crophius scabrosus (Hemiptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Epilachna varivestis (Coleoptera)
Eustrophius marginatus (Coleoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)
Galgapha texana (Hemiptera)
Heilipus caecus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Iridomyrmex iniquus (Hymenoptera)
Isorhinus undatus (Coleoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Myodocha longicollis (Hemiptera)
Pachygrontha oedancalodes (Hemiptera)
Parallelodiplosis cattleyae (?) (Diptera)
Pheidole megacephala (Hymenoptera)
Plagiodera thymaloidea (Coleoptera)
Pseudischaspis alienus (Homoptera)
Puto ulter (Homoptera)
Teleonomia cylindricornis (Hemiptera)
Tenthoris angustimarginatus (Hemiptera)
Tenthoris bicolor (Hemiptera)
Tenthoris confusus (Hemiptera)
Tenthoris orchidearum (Hemiptera)
Vallissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xestolabus laeicollis (Coleoptera)

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)
Haplothrips wouramboulchii (Thysanoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
Scotinophara lurida (Hemiptera)

PACHYCREUS:

- Lepidosaphes philococcus* (Homoptera)

PANDANUS:

- Pseudococcus pandanicola* (Homoptera)

PERISTERIA:

- Ferrisia virgata* (Homoptera)

PERSEA:

- Anastrepha ludens* (?) (Diptera)
Aspidiotus destructor (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Stenoma catenifer (Lepidoptera)

PETROSELINUM:

- Maestra brassicae* (Lepidoptera)

PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)

PHASEOLUS:

- Dacus cucurbitae* (Diptera)
Epinotia opposita (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILODENDRON:

- Capaneus tetricus* (Hemiptera)
Diabrotica lepida (Coleoptera)
Ezptochioma albomaculata (Hemiptera)
Ferrisia virgata (Homoptera)
Ligyrocoris abdominalis (Hemiptera)

PHOENIX:

- Coccotrypes dactyliperda* (Coleoptera)

PHYSALIS:

- Gnorimoschema lavernella* (Lepidoptera)
Rhagoletis striatella (Diptera)
Trichobaris championi (Coleoptera)

PIARANTHUS:

- Asterolecanium stentae* (Homoptera)

PICEA:

- Laspeyresia strobilella* (Lepidoptera)
Lepidosaphes pallida (Homoptera)
Pityogenes chalcographus (Coleoptera)

PILOCEREUS:

- Lepidosaphes philococcus* (Homoptera)

PINUS:

- Aspidiotus corticis-pini* (Homoptera)
Ceroplastes rubens (Homoptera)
Eulachnus piniformosanus (Homoptera)
Fiorinia japonica (Homoptera)
Pityogenes chalcographus (Coleoptera)
"Poliaspis" pini (Homoptera)
Pseudococcus pini (Homoptera)
Tetropium castaneum (Coleoptera)

PISTACIA:

- Chaetoptelius vestitus* (Coleoptera)

PISUM:

- Bruchus tristis* (Coleoptera)

- Laspeyresia nigricana* (Lepidoptera)

PITHECELLOBIUM:

- Cryptophlebia illepidia* (Lepidoptera)
Dacus dorsalis (?) (Diptera)

PLUMERIA:

- Asterolecanium pustulans* (Homoptera)
Coccus viridis (Homoptera)

PORTULACA:

- Loxostege similalis* (Lepidoptera)

PROSOPIS:

- "Targionia" cueroensis* (Homoptera)

PROTEA:

- Haplothrips wouramboulchii* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pseudothrips glaucus (?) (Thysanoptera)

PROTEACEAE:

- Iridomyrmex humilis* (Hymenoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Megalometis chiliensis* (Coleoptera)

PRUNUS MUME:

- Malacosoma neustria* (?) (Lepidoptera)

PRUNUS PERSICA:

- Ceratitis capitata* (Diptera)

- Grapholitha molesta* (Lepidoptera)

- Megalometis chiliensis* (Coleoptera)

PRUNUS PERSICA NECTARINA:

- Aspidiotus latastei* (Homoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.:

- Lepidosaphes conchiformis* (Homoptera)

PSIDIUM:

- Aleuroglandulus emmae* (Homoptera)

- Anastrepha striata* (Diptera)

- Anastrepha suspensa* (Diptera)

- Ancylostomia stercora* (Lepidoptera)

- Ceratitis capitata* (Diptera)

- Paraleyrodes goyabae* (?) (Homoptera)

PUNICA:

- Cacoecia pronubana* (Lepidoptera)

- Ceratitis capitata* (Diptera)

- Cryptoblabes gnidiella* (Lepidoptera)

- Glycyphagus domesticus* (Arachnida)

PYRUS:

- Anastrepha ludens* (Diptera)

- Aonidiella citrina* (Homoptera)

- Ceratitis capitata* (Diptera)

- Parlatoria chinensis* (Homoptera)

- Rhagoletis pomonella* (Diptera)

QUERCUS:

- Hemimene juliana* (Lepidoptera)

RANDIA:

- Ferrisia virgata* (Homoptera)

RAPHANUS:

- Psylliodes chrysocephala* (Coleoptera)

RHODODENDRON:

- Acala schalleriana* (Lepidoptera)

- Gracilaria azalella* (Lepidoptera)

- Pulvinaria psidii* (Homoptera)

- Stephanitis pyrioides* (Hemiptera)

ROSA:

- Allantus cinctus* (Hymenoptera)

- Frankliniella intonsa* (Thysanoptera)

- Monomorium destructor* (Hymenoptera)

- Taeniothrips atratus* (Thysanoptera)

RUBUS:

- Lasiopoda rubi* (?) (Diptera)

Hosts and Insects—Continued

SACCHARUM:

"*Targionia*" *sacchari* (Homoptera)

Trionymus sacchari (Homoptera)

SCHIMA:

Aspidiotus degeneratus (Homoptera)

Ceroplastes rubens (Homoptera)

SCINDAPSUS:

Pinnaspis buxi (Homoptera)

SECIUM:

Platynota rostrana (Lepidoptera)

SELAGINELLA:

Epilachna varivestis (Coleoptera)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)

SOIL:

Brachyrhinus rugosostriatus (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Strophosoma melanogrammum (Coleoptera)

SOLANUM:

Leucinodes orbonalis (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

Pyrausta nubilalis (Lepidoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

Sesamia nonagrioides (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraepotans (Diptera)

STRELITZIA:

Phenacaspis sandwicensis (Homoptera)

Pinnaspis buxi (Homoptera)

SWIETENIA:

Aspidiotus destructor (Homoptera)

Nasutitermes corniger (Isoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)

Gymnaetron beccabungae var. *nigrum* (Coleoptera)

Sitona lineata (Coleoptera)

TILLANDSIA:

Exoptochiomera formosa (Hemiptera)

Galgupha texana (Hemiptera)

Isohrinus depressus (Coleoptera)

TILLANDSIA—Continued

Isohrinus undatus (Coleoptera)

Monanthia monotropidia (Hemiptera)

Mormidea cubrosa (Hemiptera)

Flagiodera thymaloides (Coleoptera)

TRIFLOCHTON:

Xyloerhodes nitidipennis (Coleoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

VANDA:

Furcaspis biformis (Homoptera)

Parlatoria pseudaspidiotus (Homoptera)

Pinnaspis scrobicularum (Homoptera)

VICIA:

Bruchus dentipes (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus tristis (Coleoptera)

VITIS:

Brachyrhinus sulcatus (Coleoptera)

Ceratitis capitata (Diptera)

Clypea ambigua (?) (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Leptoglossus chilensis (Hemiptera)

Phyllocnistis ciliolosa (Coleoptera)

Polychrosis botrana (Lepidoptera)

VRIESIA:

Aspidiotus palmarum (Homoptera)

WISTERIA:

Phenacaspis fujicola (Homoptera)

YUCCA:

Pheidole megacephala (Hymenoptera)

ZANTEDESCHIA:

Deroceras reticulatum (Mollusca)

ZEA:

Pagiocerus florii (Coleoptera)

Sesamia cretica (Lepidoptera)

ZINGIBER:

Monomorium destructor (Hymenoptera)

Palaeopus costicollis (Coleoptera)

ZINNIA:

Philia febrilis (Diptera)

Hosts Unknown

AIRPLANE:

Chelymophora alternans (?) (Coleoptera)

Cyclocephala lunulata (Coleoptera)

Dacus dorsalis (Diptera)

Delphacodes dissipata (Homoptera)

Oryctes juncus (Coleoptera)

Perkinsiella vittensis (Homoptera)

Prodenia litura (Lepidoptera)

Protaetia orientalis (Coleoptera)

Texanaspis spatulatus (Homoptera)

Xylotrupes gideon (Coleoptera)

BAGGAGE:

Melolontha melolontha (Coleoptera)

Spondylis buprestoides (Coleoptera)

BARK:

Pityogenes chalcographus (Coleoptera)

Pityophthorus sambuci (Coleoptera)

BOXCAR:

Pectinophora gossypiella (Lepidoptera)

BULB:

Iridomyrmex humilis (Hymenoptera)

CORK BALE SLAT:

Sinorycton sedentatum (Coleoptera)

FERN:

Monomorium destructor (Hymenoptera)

FLOWERS:

Frankliniella bispinosa (Thysanoptera)

Hymenia perspectalis (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Loxostege similis (Lepidoptera)

Mormidea cubrosa (Hemiptera)

Tephritis arnicae (Diptera)

FOREST LITTER:

Strophosoma capitatus (Coleoptera)

FRUIT:

Anastrepha mombinpraepotans (Diptera)

Ceratitis capitata (Diptera)

GRASS:

Antonia graminis (Homoptera)

Hypolithus riparius (Coleoptera)

Odonaspis sacchariculus (Homoptera)

"*Targionia*" *sacchari* (Homoptera)

GROUND CREEPER:

Pseudaonidia trilobitiformis (Homoptera)

IN BOX WITH VANDA LEI:

Bradybaena similis (Mollusca)

LEAF:

Coccus viridis (Homoptera)

Conchaspis angraci (Homoptera)

Pinnaspis buxi (Homoptera)

Tetraleurodes acaciae (Homoptera)

Tetraleurodes abutilonea (?) (Homoptera)

LEGUME LEAF:

Tetraleurodes acaciae (Homoptera)

PACKING:

Acalypta parvula (Hemiptera)

Dyscinctus frater (Coleoptera)

Iridomyrmex iniquus (Hymenoptera)

Scaptomyza insularis (Coleoptera)

PLANT:

Aspidiotus destructor (Homoptera)

Asterolecanium agavis (Homoptera)

Ferrisia virgata (Homoptera)

Icerya aegyptiaca (Homoptera)

Parlatoria pseudaspidiotus (Homoptera)

Pulvinaria psidii (Homoptera)

RETURNED MILITARY EQUIPMENT:

Achatina fulica (Mollusca)

"SAWAL" MATS:

Dinoderus brevis (Coleoptera)

SCRAP METAL:

Achatina fulica (Mollusca)

SEA SHELL:

Lardoglyphus zacheri (Arachnida)

Hosts Unknown—Continued

STRAW JACKET:

Iridomyrmex humilis (Hymenoptera)

TREE SEED:

Mimosastes sallaei (Coleoptera)

TRUCK BED:

Anastrepha ludens (Diptera)*Pectinophora gossypiella* (Lepidoptera)*Toxotrypana curvicauda* (Diptera)

VINE:

Brachyplatys deplanatus (Hemiptera)*Ferrisia virgata* (Homoptera)

WOOD:

Callidium rufipenne (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus spinifrons* (Coleoptera)*Mimthea rugicollis* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Sinoxylon conigerum* (Coleoptera)*Sinoxylon crassum* (Coleoptera)

WOOLEN GOODS:

Sirex noctilio (Hymenoptera)

Countries of Origin and Insects

AFRICA:

Ceratitis capitata

ALGERIA:

*Ceratitis capitata**Gortyna flavago**Lepidosaphes ficus**Parlatoria zizyphus**Sinoxylon serdentatum*

ARGENTINA:

Parlatoria cinerea

ARNO ATOLL ISLAND:

Pseudococcus pandanicola

AUSTRALIA:

*Agrotis ypsilon**Chrysomphalus rossi**Lepidosaphes tuberculata*

AZORES:

*Ceratitis capitata**Dacus oleae**Deroceras reticulatum**Iridomyrmex humilis**Rhagoletis cerasi*

BAHAMAS:

*Anastrepha mombinpraeoptans**Aspidiotus destructor**Pectinophora gossypiella*

BARBADOS:

*Aulacaspis tubercularis**Furcaspis bifor mis**Protopulvinaria pyrifor mis**"Targionia" hartii*

BELGIUM:

*Acalia schalleriana**Allantus cinctus**Brachyrhinus sulcatus*

BERMUDA:

*Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Pheidole megacephala**Prodenia ornithogalli**Pulvinaria psidii**Taeniothrips gracilis*

BOLIVIA:

Parlatoria cinerea

BRAZIL:

*Anuraphis tulipae**Aspidiotus palmae**Aulacaspis tubercularis**Chrysomphalus personatus**Chrysomphalus scutiformis**Coccus viridis**Cylas formicarius* var. *elegantulus**Euscepes postfasciatus**Neoleucinodes elegantalis**Parlatoria cinerea**Pectinophora gossypiella**Pheidole megacephala**Stephanoderes hampei**Tenthetocoris orchidearum**Unaspis citri*

BRITISH HONDURAS:

Stenoma catenifer

BRITISH WEST AFRICA:

Cylas puncticollis

BRITISH WEST INDIES:

Iridomyrmex iniquus

CANADA:

*Brachyrhinus rugosostriatus**Monomorium destructor*

CANAL ZONE:

*Aspidiotus destructor**Asterolecanium epidendri**Chrysomphalus umboniferus**Conchaspis angraect**Ferrisia virgata**Furcaspis bifor mis**Leucaspis cockerelli**Parlatoria pseudaspidotus**Pinnaaspis buxi**Unaspis citri**Vinsonia stellifera*

CANARY ISLANDS:

Lepidosaphes tuberculata

CENTRAL AMERICA:

Anastrepha ludens

CEYLON:

Parlatoria pseudaspidotus

CHILE:

*Aspidiotus latastei**Bryobia praetiosa* ♀*Iridomyrmex humilis**Leptoglossus chilensis**Menalometis chilensis*

CHINA:

*Chilo simplex**Cylas formicarius* var.*Unaspis citri*

COLOMBIA:

*Anastrepha mombinpraeoptans**Anastrepha serpentina**Pseudoaonidia trilobitiformis**Pseudococcus filamentosus**Stenoma catenifer*

COSTA RICA:

*Anastrepha mombinpraeoptans**Asterolecanium epidendri**Cyclocephala lunulata**Cylas formicarius* var. *elegantulus**Eucactophagus aurocinctus**Furcaspis bifor mis**Leucaspis cockerelli**Parallelodiplosis cattleyae* (?)*Pinnaaspis buxi**Platynota rostrana**Protopulvinaria longivalvata**Protopulvinaria pyrifor mis**Vinsonia stellifera*

CUBA:

*Alerocanthus woglumi**Anastrepha suspensa**Aspidiotus destructor**Aspidiotus herculeanus**Aspidiotus palmarum**Asterolecanium bambusae**Asterolecanium epidendri**Asterolecanium pustulans**Coccus viridis**Cyclocephala cubana**Cylas formicarius* var. *elegantulus**Euscepes postfasciatus**Faustinus cubae**Ferrisia virgata**Leucaspis cockerelli**Pheidole megacephala**Pinnaaspis buxi**Platynota rostrana**Ribua innoxia**Targionia sacchari**Tetraneudes acaciae*

Countries of Origin and Insects—Continued

CUBA—Continued

Trionymus sacchari
Vinsonia stellifera

CURACAO:

Cylas formicarius var. *elegantulus*

CZECHOSLOVAKIA:

Taeniothrips atratus

DENMARK:

Mamestra brassicae
Pieris brassicae
Sitona lineata

DOMINICA:

Leucaspis cockerelli
Pheidole megacephala

DOMINICAN REPUBLIC:

Aspidiotus destructor
Dialeurodes citrifolii
Mimosetes sallaei
"Targionia" *hartii*

ECUADOR:

Anastrepha serpentina
Metamasius habetatus
Metamasius sericeus
Stenoma catenifer

EGYPT:

Ceratitis capitata
Pyrausta nubilalis

ENGLAND:

Eriophyes canestrinii
Gracilaria azalella
Heterogaster urticae
Lasiopoda rubi (?)
Laspeyresia nigricana
Lecanium coryli
Leperisinus frazzini
Lichtensia riburni
Mamestra brassicae
Sitona lineata
Taeniothrips ericae

FIJI ISLANDS:

Perkinsiella vitiensis

FORMOSA:

Achatina fulica
Chilo simplex
Parlatoria cinerea
Pyrausta nubilalis

FRANCE:

Breripalpus australis
Bruchus luteicornis
Ceratitis capitata
Clysia ambigua (?)
Evergestis forficatis
Gortyna flavago
Gortyna ochracea
Gracilaria azalella
Mamestra brassicae
Parlatoria zizyphus
Pieris brassicae
Rhagoletis cerasi
Taeniothrips atratus

GERMANY:

Aspidiotus palmarum
Frankliniella intonsa
Laspeyresia strobilella
Melolontha melolontha
Phila febrilis
Strophosoma capitatus
Strophosoma melanogrammum
Taeniothrips atratus
Taeniothrips vulgatissimus
Tetropium castaneum

GOLD COAST:

Amites unidentatus
Argyroploce leucotreta
Coradylomera spinicornis
Cylas puncticollis
Pheidole megacephala
Xyloerthodes nitipennis
Xyloerthodes crinitarsis

GREECE:

Acanthoscelides spinipes
Aonidiella citrina
Ceratitis capitata
Dacus oleae
Hemimele juliana
Parlatoria oleae

GREECE—Continued

Pectinophora gossypiella
Sesamia cretica

GUAM:

Achatina fulica
Lepidosaphes tokionis
Monomorium destructor

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Dyscinetus frater
Iridomyrmex iniquus
Metamasius sericeus
Puto ulter
Stenoma catenifer
Talponia batesi
Tenthetorix bicolor

HAITI:

Unaspis citri
Vinsonia stellifera

HAWAII:

Adoretus sinicus
Bradybaena similis
Ceratitis capitata
Ceroptastes rubens
Coccus acutissimus
Coccus viridis
Cryptophlebia illepidia
Cryptorhynchus mangiferae
Dacus cucurbitae
Dacus dorsalis
Ereunetis flavistriata
Furcaspis biforis
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Opogona aurisquamosa
Pealius hibisci
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Pseudococcus palmarum
Pulvinaria psidii
Taeniothrips hawaiiensis
Trionymus sacchari

HONDURAS:

Anastrepha mombinpraeoptans
Nasutitermes coniger
Stenoma catenifer

HUNGARY:

Pyrausta nubilalis

INDIA:

Caryedon fuscus
Coccus capparidis
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dinoderus brevis
Frankliniella schultzei
Haplothrips gowdeyi
Heterobothrychus aequalis
Lyctus spinifrons
Microcephalothrips abdominalis
Minthea rugicollis
Parlatoria morrisoni
Pectinophora gossypiella
Sinorylon anale
Sinorylon conigerum
Sinorylon crassum

INDONESIA:

Cylas formicarius
Leucinodes orbonalis
Parlatoria pseudaspidiotus

IRELAND:

Evergestis forficatis
Frankliniella intonsa
Gelechia ericella
Mamestra brassicae
Micetulus ericae
Pieris brassicae (?)
Taeniothrips atratus
Taeniothrips ericae

ISRAEL:

Ceratitis capitata
Parlatoria oleae
Prodenia litura

Countries of Origin and Insects—Continued

ITALY:

Anuraphis tulipae
Brachycerus albidentatus
Brachycerus algitrus
Bruchus lentis
Bruchus luteicornis
Bruchus signaticornis
Bruchus tristis
Cacoecia pronubana
Ceratitis capitata
Ceroplastes rusci
Coccus viridis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Diaphania unionalis (?)
Dyspessa ulula
Glycyphagus domesticus
Iftini mene juliana
Hypoborus ficus
Irido myrmex humilis
Lamproloma equestris
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Mamestra brassicae
Parlatoria oleae
Parlatoria zizyphus
Phloeotritus scarabaeoides
Polychrosis botrana
Prays oleellus
Psylliodes chrysocephala
Pyrusta nubilalis
Rhagoletis cerasi
Sesamia cretica
Trialeurodes lauri

JAMAICA:

Aganactes indecora
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Asterolecanium pustulans
Coccus viridis
Cylas formicarius var. *elegantulus*
Haplothrips gowdeyi
Leucaspis cockerelli
Leucaspis indica
Monoctonus destructor
Palaeopus costicollis
Pectinophora gossypiella
Vinsonia stellifera

JAPAN:

Aspidiotus corticis-pini
Aspidiotus cryptoxanthus
Aspidiotus degeneratus
Aspidiotus destructor
Callidium rufipenne
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Eulachnus piniferae mosanus (?)
Fiorinia japonica
Frankliniella formosae
Laspeyresia splendana
Lepidosaphes conchiformis
Lepidosaphes pallida
Malacosoma neustria (?)
Maruca testalis
Oxyetonia jucunda
Parlatoria ca melliae
Parlatoria chinensis
Parlatoria pyri
Pentameris oregonensis
Phenacaspis fujicola
Pinnaspis uniloba
"Pinnaspis" pini
Protaetia orientalis
Pseudococcus pini
Pyrusta nubilalis
Scepticus insularis
Scotinophara lurida
Spondylis bupestoides
Stephanitis pyrioides
Taeniothrips hawaiiensis
Unaspis yanonensis

JAVA:

Aulacaspis tegalensis

JERUSALEM:

Anuraphis tulipae

KOREA:

Grapholitha molesta

LEBANON:

Bruchus dentipes
Ceratitis capitata
Dacus oleae
Deroceras reticulatum
Lepidosaphes ficus

LIBERIA:

Bostrychophilus cornutus
Mimhea obsita
Xyloperthella crinitarsis

LIBYA:

Dacus oleae

MADEIRA ISLANDS:

Ceratitis capitata

Irido myrmex humilis

MARSHALL ISLANDS:

Aonidiella inornata

MEXICO:

Acalymma trinitata
Acanthoscelides griseolus
Acolus vermiculatus
Agallia tingula
Aleurocanthus woglumi
Aleuroglanulus enamae
Aleurothrixus floccosus
Amorbia emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium agaris
Asterolecanium bambusae
Asterolecanium pustulans
Auficus impressicollis
Bemisia tabaci
Capaneus tetricus
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus unboniferus
Coccotrypes dactylipeda
Conotrachelus aquacatae
Conotrachelus perseae
Cosmopolites sordidus
Crophilus scabrosus
Cryphula apicatus
Cylas formicarius var. *elegantulus*
Cyrtopeltis varians
Dactylopius coccus
Deloyala guttata
Delphacodes dissipata
Dialroica lepida
Diorymerellus laevi margo
Dysdercus mimulus
Dysdercus obliquus
Epilachna varivestis
Epinotia opposita
Eustrophinus marginatus
Evergestis rimosalis
Exoptochioma albomaculata
Exoptochioma formosa
Ferrisia virgata
Frankliniella fortissima
Galgupha texana
Gerstaeckeria mutillaria
Gnori moschema gudmannella
Gnori moschema laernella
Heilipus caecus
Hymenia perspectalis
Isorhinus depressus
Isorhinus undatus
Lardoglyphus zacheri
Lema quinquevittata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis

Countries of Origin and Insects—Continued

MEXICO—Continued

Lineodes integra
Lorostege similalis
Microvelia oaxacana
Monanthia monotropidia
Mormidea cubrosa
Myodocha longicollis
Neoleucinodes elegantalis
Pachygrontha oedancalodes
Pachyzancla bipunctalis
Paraleyrodes gayabae (?)
Parlatoria cinerea
Pectinophora gossypiella
Pityophthorus sambuci
Plagioderia thymaloides
Platynota rostrana
Prostephanus truncatus
Pseudischinaspis alienus
Pseudodiaspis yuccae
Rhagoletis completa
Rhagoletis juglandis
Rhagoletis pomonella
Rhagoletis striatella
Scyphophorus acupunctatus
Sisamnes contractus
Sitronotus luteiceps
Stenoma catenifer
Talponia hatesi
 "Targionia" bromiliae
 "Targionia" cueroensis
 "Targionia" hartii
Teleonomia cylindricornis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Texananus spatulatus
Toxotrypana curvicauda
Trialeurodes abutilonea (?)
Trialeurodes varia
Trichobaris championi
Trionymus sacchari
Unaspis citri
Valtiasius diversus
Xestolabus laesicollis

MONTserrat:

Vinsonia stellifera

MOROCCO:

Ceratitis capitata
Sesamia cretica
Sesamia nonagrioides

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Bruchus luteicornis
Deroceras reticulatum
Eriophyes canestrinii
Gracilaria azaleella
Gymnaetron beccabungae var. *nigrum*
Lampetia equestris
Lecanium coryli
Phytoptus avellanae
Sitona lineata

NETHERLANDS GUIANA:

Euscapes postfasciatus
Furcaspis bifor mis
Maruca testulalis

NEW ZEALAND:

Ceroplastes sinensis
Deroceras reticulatum
Lampetia equestris

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus pal mae
Leucaspis cockerelli
Pseudischinaspis longissima
Stenoma catenifer

NORWAY:

Argyresthia conjugella

PAKISTAN:

Oryzaenrus lactus

PALESTINE:

Dacus oleae

PALMYRA ISLAND:

Ferrisia virgata

PANAMA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus pal mae
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcaspis bifor mis
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Protopulvinaria longicauda
Protopulvinaria pyrifor mis
Pseudischinaspis alienus
Pseudischinaspis longissima
Pyrausta nubilalis
Stenoma catenifer
Vinsonia stellifera

PERU:

Conchaspis angraeci
Laspeyresia leguminis
Pagiocerus fiorii
Stenoma catenifer

PHILIPPINES:

Achatina fulica
Aleurotuberculatus jas mini
Antonina graminis
Aonidiella citrina
Aonidiella inornata
Brachyplatys deplanatus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Dinoderus brevis
Ferrisia virgata
Lepidosaphes tuberculata
Odonaspis saccharicaulis
Parlatoria pseudaspidiotus
Parlatoria zizyphi
Pinnaaspis scrobicularum
Pseudonidia curculiginis
Pseudococcus lilacinus
Sinoxylon anale
 "Targionia" hartii
Unaspis yanonensis
Xylotrupes gideon

PORTUGAL:

Ceratitis capitata
Curculio elephas
Iridomyrmex humilis
Laspeyresia splendana
Parlatoria oleae
Rhagoletis cerasi
Sitona lineata

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercora
Coccus viridis
Cylas formicarius var. *elegantulus*
 "Targionia" sacchari
Vinsonia stellifera

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Leucaspis cockerelli
Pseudischinaspis alienus
Stenoma anonella

SCOTLAND:

Aphis callunae
Gelechia ericetella
Hypolithus riparius
Orthotylus ericetorum
Taeniothrips atratus
Taeniothrips ericae

SIERRA LEONE:

Alcidodes dentipes
Cylas puncticollis

SOUTH PACIFIC:

Achatina fulica

Aonidiella inornata

Countries of Origin and Insects—Continued

SPAIN:

Acalypta parvula
Brachycerus algerus
Ceratitis capitata
Gnoriomoschema ocellatella
Parlatoria zizyphus

STRAITS SETTLEMENTS:

Icerya aegyptiaca

SWEDEN:

Argyresthia conjugella
Frankliniella intonsa
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis pomonella (?)
Taeniothrips atratus

SWITZERLAND:

Rhagoletis cerasi
Sirex noctilio
Tephritis arnicæ

SYRIA:

Earias insulana f. *semifascia*
Lepidosaphes ficus

TAHITI:

Ferrisia virgata

THAILAND:

Aonidiella comperi (?)
Cylas formicarius var.
Parlatoria pseudaspidotus

TRIESTE:

Pyrausta nubilalis

TRINIDAD:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Leucaspis cockerelli
Microcephalothrips abdominalis
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Pseudonidia trilobitiformis
"Targionia" hartii
Toxotrypana curvicauda
Vinsonia stellifera

TRIPOLI:

Ceratitis capitata

TURKEY:

Chaetoptelius vestitus
Dacus oleæ

UNION OF SOUTH AFRICA:

Argyroploce leucotreta
Aspidiotus destructor
Asterolecanium stentæ
"Chionaspis" leucadendri
Chrysomphalus rossi
Frankliniella schultzei
Haplothrips wouramboulchii
Iridomyrmex humilis
Phylctinus callosus
Pseudococcus trichiliae
Pseudothrips glaucus (?)

UNKNOWN:

Carpocoris pudicus
Ceratitis capitata
Chelymophia alternans (?)
Frankliniella intonsa
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips atratus
Taeniothrips vulgarissimus

URUGUAY:

Parlatoria cinerea

VENEZUELA:

Mimosestes dominicanus
Eurytoma orchidearum
Euscapes postfasciatus
Furcaspis bifor mis
Gymnandrosoma aurantianum (?)
Vinsonia stellifera

VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

WAKE ISLAND:

Prodenia litura

YAP ISLAND:

Monomorium destructor

YUGOSLAVIA:

Bruchus tristis
Cacoecia pronubana
Cryptoblabes gnidiella
Laspeyresia splendana

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Albugo portulacae</i> (DC.) O. Kuntze: <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1	---	---	Tex.
<i>Albugo tragopogonis</i> F. Gray: <i>Cynara scolymus</i> (globe artichoke).....	Sweden.....	---	1	---	Mass.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus limon</i> (lemon).....	Australia.....	---	2	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange).....	France, Spain, Mexico.....	6	---	---	Tex.
<i>Alternaria porri</i> (Ell.) Clif.: <i>Urginea</i> sp.....	Ethiopia.....	---	---	1	D. C.
<i>Aschersonia basicystis</i> Berk. & Curt.: <i>Chamaedorea</i> sp.....	Mexico.....	1	---	---	Tex.
Palm.....	do.....	1	---	---	Tex.
<i>Ascochyta ledi</i> Rostr.: <i>Zenobia pulverulenta</i> (dusty zenobia).....	Netherlands.....	---	---	1	N. J.
<i>Ascochyta sorghina</i> Sacc.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1	---	---	Tex.
<i>Asperisporium caricae</i> (Speg.) Maub.: <i>Carica papaya</i> (papaya).....	Cuba.....	---	1	---	Pa.
<i>Botryosphaeria agaves</i> (P. Henn.) Butl.: <i>Agave</i> sp.....	Mexico.....	---	---	1	Ariz.
<i>Botryosphaeria berengeriana</i> DeN. f. <i>araucariae</i> Sacc.: <i>Araucaria araucana</i> (monkeypuzzle).....	France, Netherlands.....	---	---	3	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dugg.: <i>Araucaria cunninghamii</i>	Australia.....	---	---	1	Calif.*
<i>Macrozamia spiralis</i> (spiral macrozamia).....	do.....	---	---	1	Calif.*
<i>Malus sylvestris</i> var.....	China.....	---	---	1	Calif.*
<i>Persea americana</i> (avocado).....	Hawaii, Mexico.....	2	1	---	Calif.*, Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Lilium speciosum rubrum</i> (pink speciosum lily).....	Japan.....	---	---	2	Calif.*
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.....	Canada, Japan, Netherlands.....	---	---	11	Calif.*, N. Y.
<i>Catacauma palmicola</i> F. L. Stevens: <i>Thrinax parviflora</i> (Jamaica thatch palm).....	Canal Zone.....	---	---	1	Wash.
<i>Ceratostomella ips</i> Rumbold (?): <i>Pinus</i> sp. (pine).....	England.....	---	---	1	N. J.
<i>Cercospora anethi</i> Sacc.: <i>Anethum graveolens</i> (dill).....	Denmark.....	---	---	1	Md.
<i>Cercospora anethi mintica</i> Atk.: <i>Chenopodium ambrosioides</i> (wormseed goosefoot).....	Mexico.....	---	---	1	Tex.
<i>Cercospora arachidicola</i> Hori: <i>Arachis</i> sp.....	do.....	1	---	---	Tex.
<i>Cercospora aricola</i> Sacc.: <i>Philodendron</i> sp.....	do.....	---	---	1	Tex.
<i>Cercospora beticola</i> Sacc.: <i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....	---	---	1	Pa.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1	---	1	N. Y., Tex.
<i>Cercospora cordiae</i> Chupp: <i>Cordia</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Cercospora cryptomeriae</i> Shirai: <i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....	---	---	1	Hawaii.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron catawbiense</i>	Netherlands.....	---	---	1	N. J.
<i>Rhododendron impeditum</i>	do.....	---	---	1	N. J.
<i>Rhododendron</i> sp.....	do.....	---	---	1	N. J.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1	---	---	N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	British Guiana.....	---	---	1	Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	6	1	---	Calif.*, Tex.
<i>Cercospora piperis</i> Pat.: <i>Piper</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Cercospora protearum</i> Cke.: <i>Leucadendron argenteum</i> (silver leucadendron).....	Union of South Africa.....	1	---	---	N. Y.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Mexico.....	8	---	---	Tex.
<i>Cercospora mori</i> Fk.: <i>Morus</i> sp. (mulberry).....	do.....	1	---	---	Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cerebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i>	Kenya.....	1			D. C.
<i>Paspalum dilatatum</i> (Dallas grass).....	New Zealand.....	1			D. C.
<i>Cerebella paspali</i> Cke. & Mass.:					
<i>Paspalum dilatatum</i>	Australia.....			1	Hawaii
<i>Cewthospora lunata</i> Shear:					
<i>Leucothoe catesbaei</i>	Netherlands.....	2			N. J.
<i>Rhododendron</i> sp.....	do.....	1			N. J.
"Chrysanthemum virus Q":					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Chrysomyxa rhododendri</i> (DC.) D. By.:					
<i>Rhododendron azaleodendron</i> (azaleodendron).....	England.....			1	N. J.
<i>Rhododendron ferrugineum</i> (rock rhododendron).....	Hungary, Switzerland.....	3			Mass., N. Y.
<i>Rhododendron hirsutum</i>	England, Germany.....	1			N. J., N. Y.
<i>Rhododendron</i> sp.....	Switzerland.....	3			N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. O. Hall:					
<i>Paspalum dilatatum</i> (Dallas grass).....	Argentina.....			2	D. C.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Festuca elatior</i> var.....	Israel.....			1	D. C.
<i>Coleosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio cineraria</i> (silver cineraria).....	Argentina.....			1	N. Y.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave vestita</i>	Mexico.....			1	Calif.
<i>Agave</i> sp.....	Italy, Mexico.....	1		3	Ariz., N. J., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Indocalamus</i> sp. (bamboo).....	China.....			1	D. C.
<i>Colletotrichum heucherae</i> Ell. & Gall.:					
<i>Heuchera tilandia</i>	England.....			1	N. J.
<i>Colletotrichum lilacearum</i> (Schw.) Ferr.:					
<i>Iris germanica</i> (German iris).....	Australia, New Zealand.....	6			Calif.*
<i>Iris</i> sp.....	England.....	1			Calif.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....	11			Calif., Oreg., Wash.
<i>Lilium giganteum</i> (giant lily).....	do.....	4			Calif.*
<i>Lilium hansonii</i> (hanson lily).....	do.....	1			Calif.*
<i>Lilium henryi</i> (henry lily).....	do.....	1			Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....	2			Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....	7			Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	do.....	1			Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....	17			Calif., Wash.
<i>Lilium tigrinum</i> (tiger lily).....	do.....	1			Calif.*
<i>Lilium</i> sp.....	India, Japan, New Zealand.....	9			Calif., Pa., Wash.
<i>Colletotrichum lini</i> (Westerdijk) Toch.:					
<i>Linum</i> sp. (flax).....	Portugal.....	1			Mass.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Colletotrichum violae-tricoloris</i> R. E. Sm.:					
<i>Viola</i> sp.....	England.....			1	N. J.
<i>Coniothecium citri</i> McAlp.:					
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	1			Tex.
<i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Agave stricta</i> (hedge agave).....	do.....			1	Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnocytisus adami</i>	Netherlands.....			1	N. J.
<i>Laburnum watereri</i>	do.....			15	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	England, Netherlands.....			10	N. J.
<i>Coniothyrium laburnophilum</i> Oud.:					
<i>Laburnum</i> sp.....	Denmark.....			1	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach).....	Mexico.....	1			Tex.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.....	Canada.....	1			Wash.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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<i>Cronartium ribicola</i> Alex. Fisch.: <i>Ribes</i> sp. (black currant).....	Canada.....			1	N. Y.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp. (willow).....	France, Netherlands.....	1	1		N. Y.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island pine).....	Australia, Norfolk Island.....			3	Calif., N. Y.
<i>Cucurbitaria fraxini</i> Eli. & Ev.: <i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cumminsia sanguinea</i> (Peck.) Arth.: <i>Mahonia</i> sp.....	Canada.....			1	Wash.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Oryza sativa</i> (rice).....	India.....			1	D. C.
<i>Cylindrocarpum mali</i> (Allesch.) Wr.: <i>Laburnum watereri</i>	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Portugal.....			1	D. C.
<i>Dasyscypha phragmiticola</i> P. Henn. & Ploettn.: <i>Phragmites</i> sp.....	Denmark.....			1	N. J.
<i>Diaporthe eres</i> Nits.: <i>Ficus carica</i> var.....	Italy.....			3	Calif.*
<i>Leucothoe catesbaei</i>	Netherlands.....			1	N. J.
<i>Magnolia</i> sp.....	Japan.....			1	Wash.
<i>Wisteria floribunda macrobotrys</i>	do.....			1	Calif.*
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Tahiti.....	9	1		Calif.*
<i>Diplodia paraphysaria</i> Sacc.: <i>Acerides fieldingi</i> (orchid).....	Thailand.....			1	Hawaii
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Orchid</i>	Brazil, Mexico, Trinidad.....	1		2	P. R., Tex.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Manihot</i> sp.....	Cape Verde Islands.....			1	N. J.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Diplodina leucothoes</i> (P. Henn.) Died.: <i>Leucothoe</i> sp.....	Netherlands.....			2	N. J.
<i>Discosia artocreas</i> Fr.: <i>Daphne</i> sp.....	Ireland.....			1	N. Y.
<i>Echidnodes cocoes</i> Syd.: <i>Cocos nucifera</i> (coconut).....	Palmyra Island.....			1	Hawaii
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Brazil.....			7	La., N. Y., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Argentina.....			1	Tex.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....			57	Ala., Calif.,* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina.....			2	N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown, Uruguay.....			67	Ala., Calif.,* Fla., La., Md., Mass., N. Y., Pa., P. R., Tex.
<i>Citrus</i> sp. (orange).....	Argentina.....			1	Ga.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....			1	N. Y.
<i>Endoconidiophora adiposa</i> (Butl.) Davidson: <i>Eleocharis dulcis</i> (waternut).....	China.....			1	Calif.*
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice).....	Japan.....			1	Hawaii
<i>Fusarium graminearum</i> Schwabe: <i>Triticum aestivum</i> (wheat).....	Netherlands.....			1	D. C.
<i>Fusarium oxysporum</i> Schlecht.: <i>Crocus zonatus</i>	do.....			1	N. Y.

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<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen: <i>Gladiolus</i> sp.....	Canada, England, Germany, Netherlands.	---	---	5	Ga., Mich., N. Y., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyder & Hansen: <i>Narcissus</i> sp.....	Norway.....	---	---	1	N. Y.
<i>Fusarium phragmiticola</i> Kirsch.: <i>Phragmites</i> sp.....	Denmark.....	---	---	1	N. J.
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: <i>Foeniculum vulgare</i> (fennel).....	Algeria.....	---	1	---	Pa.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat).....	Italy.....	1	---	---	N. Y.
<i>Fusicladium pyracanthae</i> (Othth) Rostr.: <i>Pyracantha coccinea</i> (scarlet firethorn).....	Netherlands.....	---	---	1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Solanum tuberosum</i> (potato).....	Japan, Mexico.....	1	3	---	Calif.* , Tex.
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	16	---	---	Calif.*
<i>Gloeocercospora sorghi</i> Bain & Edg.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1	---	---	Tex.
<i>Gloeosporium araucariae</i> Karst. & Hariot: <i>Araucaria araucana</i> (monkey puzzle).....	England (?).....	---	---	1	Wash.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite).....	Mexico.....	2	---	---	Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capsicum frutescens</i> (pepper).....	Guatemala.....	---	---	1	D. C.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron praecox</i> (winter rhododendron).....	Netherlands.....	---	---	3	N. J.
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifer</i> (palmyra palm).....	India.....	1	---	---	Md.
<i>Gymnosporangium haraeanaum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....	---	---	1	Calif.*
<i>Juniperus</i> sp.....	do.....	---	---	1	Hawaii
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash).....	Sweden.....	---	---	1	N. Y.
<i>Hainesia lythri</i> (Desm.) Hohn.: <i>Rosa</i> sp.....	Spain.....	---	---	1	N. J.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Cuba, Hawaii, India, Japan.....	3	13	2	Calif., D. C.
<i>Hendersonia importata</i> Allesch: <i>Vanda caerulea</i> (orchid).....	Thailand.....	---	---	1	Hawaii
<i>Hendersonia sarmentorum</i> West.: <i>Perberis lomariifolia</i>	England.....	---	---	1	Wash.
<i>Heterodera avenae</i> Eidam: Soil with bagging.....	England, Netherlands, Scotland, Spain.....	11	---	---	N. Y., Pa., Va.
Soil with potatoes.....	Spain.....	4	---	---	N. Y., P. R.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus plants.....	France, Switzerland.....	---	---	4	Calif.* , N. J., N. Y., Tex.
Soil with <i>Lobelia</i> sp.....	Germany.....	---	---	1	Calif.*
Soil with <i>Mammillaria robustispina</i>	Mexico.....	---	---	1	Calif.*
Soil with <i>Mammillaria</i> spp.....	do.....	---	---	3	Calif.*
Soil with various succulents.....	England.....	---	---	1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil with <i>Amaryllidaceae</i> bulbs.....	Ireland.....	1	---	---	Calif.*
Soil on army trucks.....	Europe, Germany, unknown.	3	---	---	N. Y.
Soil with bagging.....	Belgium, Denmark, England, Netherlands, Scotland, Scotland.....	13	---	---	N. Y., Pa., Va.
Soil used as ballast.....	Scotland.....	2	---	---	Pa.
Soil with carrots.....	Netherlands.....	1	---	---	N. Y.
Soil with chrysanthemum plants.....	England.....	---	---	2	Mass., Wash.
Soil with compost for orchids.....	do.....	---	---	1	N. J.
Soil with <i>Cymbidium</i> sp.....	do.....	---	---	3	N. J.
Soil with <i>Cypripedium</i> sp.....	do.....	---	---	1	N. J.
Soil with <i>Dianthus</i> sp., peony, and delphinium.....	do.....	---	---	1	N. Y.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera punctata</i> —Continued					
Soil with <i>Fragaria</i> sp.	Scotland			1	N. J.
Soil with geranium	England, Sweden		1	1	N. Y., Pa.
Soil with hens-and-chickens plants	England			1	N. Y.
Soil with lily-of-the-valley plants	France			1	N. Y.
Soil with <i>Lupinus</i> sp. plants	England			1	N. Y.
Soil with pick-a-back plants	Germany		1		N. Y.
Soil with various plants	Sweden			1	N. J.
Soil with potatoes	England, Ireland, Norway, Spain.	1	4		N. Y., Pa., Va.
Soil with <i>Primula</i> sp. plants	England			1	N. J.
Soil with <i>Ranunculus</i> sp. and <i>Primula</i> sp. plants	do			1	N. J.
Soil with <i>Sedum</i> sp. plants	do			1	N. Y.
Soil with <i>Sedum</i> sp. and <i>Primula</i> sp. plants	do			1	N. Y.
Soil with woody cuttings	do			1	N. J.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Ireland			1	N. Y.
Soil with <i>Asparagus sprengeri</i> plants	Germany			1	N. Y.
Soil with potted azalea plant	Netherlands			1	Ala.
Soil with bagging	Belgium, Denmark, England, Germany, Netherlands, Scotland.	57			Md., N. Y., Pa., Va.
Soil used as ballast	Scotland	2			N. Y., Pa.
Soil with <i>Begonia</i> sp. plants	Germany			1	N. Y.
Soil with <i>Calluna</i> sp. plants	Scotland			1	N. J.
Soil with carnation plants	England			1	N. Y.
Soil with cedar plants	Ireland			1	Mass.
Soil with celery roots	England		1		Va.
Soil with <i>Coleus</i> sp. plants	Scotland			1	N. Y.
Soil with dahlia roots	England			2	N. J.
Soil with forget-me-not plants	do		1		N. Y.
Soil with <i>Fragaria</i> sp. roots	Sweden			1	N. J.
Soil with heather plants	Scotland			3	Mass.
Soil with heather and <i>Calluna</i> sp. plants	do			1	N. J.
Soil with <i>Juniperus</i> sp. and <i>Helxine</i> sp. plants	England			1	N. J.
Soil with lily-of-the-valley plants	Germany			2	Calif., N. Y.
Soil with <i>Pelargonium</i> sp.	England	1			N. Y.
Soil with unidentified plants	Denmark, France			2	Mass., N. Y.
Soil with potatoes	Belgium, Canary Islands, England, Ireland, Peru, Scotland, Spain.	5	11		Calif., N. Y., Pa., P. R., Va., Wash.
Soil with <i>Ribes</i> sp. plants	England			1	N. J.
Soil with rutabaga roots	Netherlands		1		Pa.
Soil with <i>Scabiosa</i> sp.	England			1	N. J.
Soil with succulent plants	do			1	N. Y.
Soil with thistle plants	Scotland			1	N. Y.
Soil with tulips	Germany		1		Pa.
Soil with woody cuttings	England			1	N. J.
<i>Heterodera schachtii</i> Schmidt:					
Soil with carnation plants	Germany			1	Ill.
<i>Heterodera trifolii</i> (Goffart) Oostenbrink:					
Soil with potatoes	New Zealand		1		Pa.
<i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris)	do			1	Calif.*
<i>Heterosporium ornithogali</i> Klotzsch:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	9			D. C., Mass., N. J., Pa., Wash.
Leprosis:					
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			Tex.
<i>Citrus sinensis</i> (orange)	Egypt, Haiti, Mexico, Panama, unknown.	7	5		Calif., Hawaii, Pa., Tex.
<i>Leptosphaeria citricola</i> Penz.:					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Alaska.

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<i>Leptosphaeria heterospora</i> (De N.) Sacc.:					
<i>Iris atrofusca</i>	Palestine.....			1	Calif.*
<i>Iris atropurpurea</i> (blackpurple iris).....	Netherlands.....			1	Calif.*
<i>Iris gatesi</i> (monarch iris).....	Netherlands, Turkey.....			2	Calif.*
<i>Iris germanica</i> (German iris).....	Australia, Canada, England, New Zealand.....			9	Calif.*
<i>Iris korolkowi</i> (redvein iris).....	Netherlands.....			3	Calif.*
<i>Iris nazarena</i>	Palestine.....			1	Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....			1	Calif.*
<i>Iris stolonifera</i> (runner iris).....	Netherlands.....			1	Calif.*
<i>Iris stolonifera leichlinii</i>	do.....			1	Calif.*
<i>Iris susiana</i> (mourning iris).....	France, Netherlands.....			2	Calif.*
<i>Iris</i> sp.....	Canada, England, Netherlands, Palestine.....			8	Calif.*, N. J.
<i>Leptosphaeria opuntiae</i> Dodge:					
<i>Ferocactus crassihamatus</i> (cactus).....	Mexico.....			1	Tex.
<i>Ferocactus</i> sp.....	do.....			1	Tex.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	3			Pa.
<i>Leptothyrium gentianicola</i> (DC.) Baeuml. var. <i>olivaceum</i> Bub.:					
<i>Gentiana acaulis</i>	England.....			1	N. J.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1			Tex.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp.....	Italy.....	1			N. Y.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (3-leaved pine).....	Japan.....			1	Hawaii.
<i>Pinus</i> sp.....	Canada.....			2	N. Y.
<i>Macrophoma anthurii</i> Trinch.:					
<i>Anthurium</i> sp.....	Bermuda.....			1	N. J.
<i>Spathyphyllum</i> sp.....	do.....			1	N. J.
<i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica, Hawaii, Mexico.....	2	1		Calif.*
<i>Macrophoma oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Borneo, Japan.....	1	1		Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....			1	Calif.*
<i>Ixia viridiflora</i> (green ixia).....	Union of South Africa.....			2	Calif.*
<i>Moraea spathacea</i>	do.....			1	Calif.*
<i>Melanospora zamiae</i> Cda.:					
<i>Colocasia esculenta</i> (dasheen).....	China, Japan.....	4			Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Hawaii, Japan, Philippines.....	15			Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	7			Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	18	1		Calif.*, Hawaii, Minn.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Blitilla</i> sp. (orchid).....	Japan.....			2	Wash.
<i>Brassica rapa</i> (turnip).....	Mexico.....	2			Tex.
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Solanum tuberosum</i> (potato).....	Chile.....			1	Pa.
<i>Meloidogyne exigua</i> Goeldi:					
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Meloidogyne hapla</i> Chitwood:					
<i>Chrysanthemum</i> sp.....	Netherlands.....			1	N. J.
<i>Clematis</i> sp.....	do.....			2	Wash.
<i>Delphinium</i> sp.....	do.....			1	N. J.
<i>Hepatica angulosa</i> (Hungarian hepatica).....	do.....			1	Wash.
Soil with unknown plant.....	Germany.....			1	Va.

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<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			1	Hawaii
<i>Dahlia</i> sp.....	India.....			1	Calif.*
<i>Dioscorea</i> sp.....	Nicaragua.....			1	D. C.
<i>Musa paradisica sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood (?)					
<i>Beta vulgaris</i> (beet).....	French West Africa.....		1		Pa.
<i>Daucus carota</i> (carrot).....	Argentina.....		1		Pa.
<i>Mammillaria phymatolele</i> (cactus).....	Mexico.....			1	N. J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood:					
<i>Agapanthus</i> sp.....	Japan.....			1	Wash.
<i>Pastinaca sativa</i> (parsnip).....	Union of South Africa.....		1		Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood (close to; possibly n. sp.):					
<i>Hedychium</i> sp.....	Canal Zone.....			1	Tex.
<i>Pogostemon</i> sp.....	Philippines.....			1	D. C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....			3	Wash.
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gail:					
<i>Cymbidium lowianum</i> (orchid).....	India.....			1	Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	29			Calif.*
<i>Microdiplodia agaves</i> (Niessl) Petr.:					
<i>Agave stricta</i> (hedgehog agave).....	Mexico.....			1	Calif.*
<i>Microthyriella guianensis</i> F. L. Stevens & Manter:					
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	England, Sweden.....	1	1		N. Y., Pa.
<i>Prunus domestica</i> (plum).....	France.....	1			N. Y.
<i>Prunus</i> sp. (sweet cherry).....	England.....		1		Pa.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Sechium edule</i> (chayote).....	Italy.....			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	France.....			1	D. C.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Coryphantha longicornis</i> (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella schoenoprasii</i> (Auers.) Schroet.:					
<i>Allium cepa</i> (onion).....	Japan.....	1			Hawaii.
<i>Allium fistulosum</i> (Welsh onion).....	do.....		5		Pa.
<i>Mycosphaerella washingtoniae</i> Rehm:					
<i>Phoenix humilis loureiri</i> (roebelen date).....	do.....			1	Calif.*
<i>Myriangium duriaei</i> Mont. & Berk.:					
<i>Citrus sinensis</i> (orange).....	Mexico.....		1		Calif.*
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....	1			Tex.
<i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Cymbidium grandiflorum</i> (orchid).....	India.....			1	Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Cymbopogon nardus</i> (citronella grass).....	Indonesia.....			1	Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Cymbopogon citratus</i> (lemon grass).....	Java.....		1		Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	8	3		Calif.*
<i>Omphalia flavida</i> Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....		4		Tex.
<i>Oospora candidula</i> Sacc. var. <i>carpogena</i> Sacc.:					
<i>Ceanothus</i> sp.....	England.....			1	N. J.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	Finland.....			1	N. Y.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Panagrolaimus rigidus</i> (A. Schneider) Thorne (?):					
<i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.

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<i>Papulaspora coprophila</i> (Zukal) Hotson:					
<i>Gladiolus</i> sp.	Japan			1	Calif.*
<i>Papulaspora dodgei</i> Connors:					
<i>Gladiolus</i> sp.	Germany			1	Mich.
<i>Papulaspora parasitica</i> (Eldam) Harz:					
<i>Dahlia</i> sp.	Australia			1	Calif.*
"Peony virus":					
<i>Paeonia</i> sp. (peony)	Netherlands			1	N. J.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)	Mexico	1			Ariz.
<i>Peronospora trifoliorum</i> D. By.:					
<i>Medicago</i> sp.	Ethiopia			1	D. C.
<i>Pestalotia bromellicola</i> Speg.:					
Bromeliad	Brazil			1	N. J.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Mexico			3	Tex.
<i>Pestalotia cyadisi</i> Allesch.:					
<i>Macrozamia spiralis</i> (spiral macrozamia)	Australia			1	Calif.*
<i>Pestalotia funerea</i> Desm.:					
<i>Cryptomeria japonica</i> (cryptomeria)	Japan			2	Calif.*, Hawaii.
<i>Pinus parviflora</i> (Japanese white pine)	do			1	Calif.*
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia japonica</i> (camellia)	do			1	Calif.*
<i>Camellia sasanqua</i>	do			1	Calif.*
<i>Camellia</i> sp.	Japan, Korea, New Zealand			4	Calif.*, D. C.
<i>Pestalotia lespedezae</i> Syd.:					
<i>Lespedeza stipulacea</i> (Korean lespedeza)	China			1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.	Netherlands			1	Wash.
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Hawaii	4			Calif.*
<i>Phoenix humilis lourei</i> (roebelen date)	Japan			1	Calif.*
<i>Pestalotia peregrina</i> Ell. & G. Martin:					
<i>Pinus parviflora</i> (Japanese white pine)	do			1	Calif.*
<i>Pestalotia psidii</i> Pat.:					
<i>Fridium guajava</i> (guava)	Venezuela	1			N. Y.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i>	Japan			1	Calif.*
<i>Rhododendron obtusum</i>	do			1	Calif.*
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Pestalotia truncata</i> Lev.:					
<i>Ribes alpinum</i> (alpine currant)	do			1	N. J.
<i>Pestalotia virgatula</i> Kleb.:					
<i>Mangifera indica</i> (mango)	Mexico	1			Tex.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Phaeospora pistaciae</i> Petr.:					
<i>Pistacia</i> sp. (pistache)	Turkey	1			N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Australia, Japan, Union of South Africa	5			Calif.*, Mass.
<i>Citrus paradisi</i> (grapefruit)	Australia, Mozambique, Thailand	1	2		Calif.*, N. Y.
<i>Citrus paradisi</i> (pomele)	Philippines	1			Oreg.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan	46	2		Calif.*, Hawaii, Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Australia, China, Japan, Natal, Union of South Africa	43	10		Calif.*, Hawaii, Minn., Pa. Tex.
<i>Citrus</i> sp. (orange)	China	2			D. C., Fla.*
<i>Citrus</i> sp.	Australia, China	9	1		D. C., Hawaii, Mass. Tex.

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<i>Phoma gypsophylae</i> Hollos:					
<i>Gypsophila</i> sp.	Japan			1	Calif.*
<i>Phoma iridina</i> Sacc.: <i>Iris germanica</i> (German iris)	New Zealand			1	Calif.*
<i>Phoma persicae</i> Schulz. & Sacc.: <i>Persea a americana</i> (avocado)	Mexico	1			Tex.
<i>Phoma pomorum</i> Thuern.: <i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper)	Hawaii		1		Tex.
<i>Phomopsis cocoes</i> Petch.: <i>Cocos nucifera</i> (coconut)	Guam, Hawaii, Tahiti	18			Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.: <i>Picea</i> sp. (spruce)	Austria	1			D. C.
<i>Phomopsis hellebori</i> (Brun. & Har.) Trav.: <i>Helleborus niger</i> (Christmas-rose)	Netherlands		1		N. J.
<i>Phomopsis phoenicola</i> Trav. & Spessa: <i>Phoenix humilis loureiri</i> (roebelen date)	Japan		1		Calif.*
<i>Phomopsis stictica</i> (Berk. & Br.) Trav.: <i>Buxus microphylla koreana</i>	Netherlands		1		N. J.
<i>Phragmidium disciflorum</i> [Tode] James: <i>Rosa</i> sp.	Portugal		1		N. J.
<i>Phyllachora engleri</i> Speg.: <i>Syngonium</i> sp.	British Honduras		1		Fla.
<i>Phyllosticta auerswaldii</i> Allesch.: <i>Buxus</i> sp.	Austria		1		Minn.
<i>Phyllosticta cacti</i> (Berk.) Archer: <i>Coryphantha longicornis</i> (cactus)	Mexico		1		Tex.
<i>Phyllosticta camelliae</i> West.: <i>Camellia</i> sp.	Japan		2		Wash.
<i>Phyllosticta cookei</i> Tassi: <i>Magnolia</i> sp.	Mexico	1			Tex.
<i>Phyllosticta dracaena</i> P. Henn.: <i>Cordylone banksi</i> (Banks dracena)	New Zealand		1		Hawaii.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.: <i>Gaultheria</i> sp.	Mexico	1			Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Fatschedera</i> sp.	Belgium		1		N. J.
<i>Hedera helix</i> (English ivy)	Ireland		1		N. Y.
<i>Phyllosticta laeliae</i> Kiessl.: <i>Laelia superbiens</i> (orchid)	Guatemala		1		Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do		1		Calif.*
<i>Phyllosticta lentaginis</i> Sacc. & Syd.: <i>Viburnum</i> sp.	Netherlands		1		N. J.
<i>Phyllosticta maculiformis</i> Sacc.: <i>Castanea</i> sp. (chestnut)	Italy	1			Mass.
<i>Phyllosticta mahoniicola</i> Pass.: <i>Berberis</i> sp.	Netherlands		1		D. C.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango)	Haiti, Mexico	2			Pa., Tex.
<i>Phyllosticta osmantholica</i> Trinch.: <i>Osmanthus forresti</i> (forrests osmanthus)	Netherlands		1		N. J.
<i>Phyllosticta philodendri</i> Allesch.: <i>Philodendron verrucosum</i> (warty philodendron) ..	Costa Rica		1		Calif.*
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.	Scotland		1		Ala.
<i>Phyllosticta violae</i> Desm.: <i>Viola</i> sp. (pansy)	Sweden	1			N. Y.
<i>Physalospora camptospora</i> Sacc.: <i>Cattleya bowringiana</i> (orchid)	Mexico		1		Calif.*
<i>Coelogyne elata</i> (orchid)	India		1		Wash.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cymbidium elegans</i> (orchid)	do		1		Calif.*
Orchid	Mexico		1		Tex.
<i>Physalospora wildemaniana</i> Sacc.: <i>Cymbidium devonianum</i> (orchid)	India		1		Calif.*
<i>Phyodermma pluriannulatum</i> (Berk. & Curt.) Karl- ing: <i>Sanicula</i> sp. (?)	Mexico		1		Calif.*

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phytophthora parasitica</i> Dast.:					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Calif.*
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Onobrychis viciifolia</i> (saifon).....	do.....		1		Calif.*
<i>Vitis</i> sp. (grape).....	Greece.....		1		Pa.
<i>Pleospora thueméniana</i> Sacc.:					
<i>Yucca</i> sp.....	Bermuda.....		1		N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive).....	Belgium, Netherlands.....	8			N. Y.
<i>Cichorium intybus</i> (chicory).....	Belgium.....	1			N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.....	Germany.....		1		Mieh.
<i>Pseudomonas seminum</i> Cayley:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Tex.
<i>Pseudomonas syringae</i> v. Hall:					
<i>Citrus limon</i> (lemon).....	Greece (?).....		1		Pa.
<i>Pseudomonas tonelliana</i> Burk.:					
<i>Nerium oleander</i> (oleander).....	Italy.....		1		N. Y.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa).....	Africa.....	1			Mass.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william).....	England, Switzerland.....	1		1	N. J., N. Y.
<i>Dianthus deltoides</i> (maiden pink).....	Switzerland.....			1	N. J.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.....	Japan.....			1	Wash.
<i>Puccinia gentianae</i> (Strauss) Lk.:					
<i>Gentiana acaulis</i> (stemless gentian).....	Switzerland.....	1			Oreg.
<i>Puccinia glumarum</i> (Schum.) Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Spain.....	1			P. R.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Mexico.....	1			P. R.
<i>Puccinia hieracii</i> (Schum.) Mart.:					
<i>Inula</i> sp. (?).....	Lebanon.....		1		Pa.
<i>Puccinia iridis</i> (DC.) Wallr.:					
<i>Iris mellita</i>	Turkey.....			1	N. J.
<i>Puccinia lantanae</i> Farl.:					
<i>Lantana</i> sp.....	Bermuda.....			1	N. Y.
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp. (bullrush).....	Mexico.....	1			Tex.
<i>Puccinia ornithogali-thyrsoideis</i> Diet.:					
<i>Ornithogalum thyrsoideis</i> (chinkerichee).....	Union of South Africa.....	10			D. C., Md., Mass., N. J., N. Y., Pa.
<i>Puccinia smyrnii</i> Bov.-Bern.:					
<i>Smyrniololium</i> (?).....	France.....	2			Mass.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.:					
<i>Viola</i> sp. (violet).....	Canada.....	1			Wash.
<i>Pucciniastrum vacciniorum</i> Lagh.:					
<i>Vaccinium arctostaphylos</i>	England.....			1	N. J.
<i>Pyrenochaeta erysiphoides</i> Sacc.:					
<i>Boehmeria</i> sp.....	Japan.....			1	Calif.
<i>Pyrenochaeta oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	do.....	1			Calif.*
<i>Pythium butleri</i> Subr.:					
<i>Zingiber</i> sp.....	Guam.....	1			Hawaii
<i>Ramularia beticola</i> Fautr. & C. R. Lambert:					
<i>Beta intermedia</i>	Turkey.....			1	D. C.
<i>Ramularia primulae</i> Thuem.:					
<i>Primula</i> sp. (primrose).....	Netherlands.....			1	N. Y.
<i>Ramularia taraxaci</i> Karst.:					
<i>Taraxacum</i> sp. (dandelion).....	Germany.....	1			N. Y.
<i>Schizophyllum commune</i> Fr.:					
Bark from wooden crate.....	Japan.....	1			Hawaii.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of intercep- tions in—			Collected in—
		Consump- tion	Noncon- sump- tion	Propaga- tion	
<i>Scirrhodithis bambusae</i> (Turc.) Trott.: Bambuseae.....	Japan.....	1	—	—	Hawaii.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir).....	Germany.....	1	—	—	Pa.
<i>Abies</i> sp.....	Greece (?).....	—	1	—	Mass.
<i>Sclerotinia minor</i> Jagger: <i>Pisum sativum</i> (pea).....	Portugal.....	—	1	—	Pa.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	France, Italy.....	1	1	—	Calif., N. Y.
<i>Sclerotium evonymi</i> Desm.: <i>Euonymus</i> sp.....	Netherlands.....	—	—	1	Wash.
<i>Sclerotium ornithogalli</i> Savu. & Sanduville: <i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1	—	—	D. C.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Korea.....	1	—	—	Wash.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. John- son: <i>Agropyron</i> sp.....	Union of Soviet Social- istic Republics.....	—	—	1	N. J.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange).....	Brazil.....	—	1	—	Tex.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....	—	—	1	N. J.
<i>Rhododendron</i> sp.....	France, Netherlands.....	—	—	3	N. J., N. Y., Wash.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Japan.....	—	—	1	Wash.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina, Australia, Italy, New Zealand, Panama, Spain.....	—	6	—	Calif., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	—	1	—	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	2	—	—	Calif.*
<i>Citrus sinensis</i> (orange).....	Union of South Africa.....	—	1	—	Calif.*
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Azores.....	1	—	—	Mass.
<i>Septoria gladioli</i> Pass.: <i>Gladiolus</i> sp.....	Mexico, Turkey.....	1	—	1	N. J., Tex.
<i>Septoria posekensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid).....	India.....	—	—	2	Calif.*
<i>Cypripedium insigne</i> (orchid).....	do.....	—	—	1	Calif.*
<i>Septoria ribis</i> Desm.: <i>Ribes</i> sp. (currant).....	Norway.....	—	—	1	N. Y.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree).....	Greece.....	—	—	1	N. Y.
<i>Sphaceloma fauvelii</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime).....	Hawaii.....	1	—	—	Hawaii.
<i>Citrus limon</i> (lemon).....	Japan.....	—	1	—	Wash.
<i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1	—	—	Tex.
<i>Sphaceloma fauvelii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon).....	Australia.....	—	2	—	Mass., Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	—	1	—	Tex.
<i>Citrus</i> sp.....	do.....	—	1	—	Mass.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Mexico.....	—	8	—	Ariz., Tex.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.: <i>Sorghum vulgare</i> (sorghum).....	Nigeria.....	—	—	1	D. C.
<i>Sphenospora kevorkianii</i> Linder: <i>Schomburgkia</i> sp. (orchid).....	Panama.....	—	—	1	Tex.
<i>Sporocbe tessulata</i> Sacc.: <i>Dianthus</i> sp. (carnation).....	England.....	—	—	1	N. J.
<i>Sporonema ozycoeci</i> Shear: <i>Vaccinium arctostaphylos</i>	do.....	—	—	1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave vestita</i>	Mexico.....	—	—	1	Calif.*
<i>Agave</i> sp.....	do.....	—	—	3	Ariz., Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Gladiolus</i> sp.....	do.....	—	—	1	Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	Formosa.....	5			Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Japan.....	3			Calif.*
<i>Thielavia terricola</i> (Gilman & Abbot) Emmons:					
<i>Tulipa</i> sp. (tulip).....	Japan.....			1	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....			2	N. J.
<i>Paeonia</i> sp.....	do.....			2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	Belgium.....			1	Calif.*
<i>Tilletia caries</i> (DC.) Tul.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Austria.....			2	D. C.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat).....	Ethiopia.....			1	D. C.
<i>Tilletia paradoxa</i> Jacz.:					
<i>Poa</i> sp.....	Turkey.....			1	N. J.
"Tomato aspermy virus":					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	Salvador.....			1	D. C.
<i>Trichoderma lignorum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Tritirachium dependens</i> Lamber:					
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Lilium auratum</i> (goldband lily).....	Japan.....			4	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			4	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			7	Calif.*
<i>Lilium</i> sp.....	do.....			1	Calif.*
<i>Watsonia rosea</i> (rosy buglelily).....	Union of South Africa.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Japan.....	1			Calif.*
<i>Trochila ilicis</i> (Fr.) Crouan:					
<i>Ilex aquifolium</i> (English holly).....	Netherlands.....			1	N. J.
<i>Trochila laurocerasi</i> (Desm.) Fr.:					
<i>Prunus</i> sp.....	England.....			1	D. C.
<i>Tubercularia vulgaris</i> Fr.:					
<i>Acer japonicum aconitifolium</i>	Netherlands.....			1	Wash.
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	Mexico.....	5			Tex.
<i>Tylenchus putrefaciens</i> Kuhn:					
<i>Allium sativum</i> (garlic).....	do.....	2			Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	do.....			4	Tex.
<i>Uredo guacae</i> Mayor (?):					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Fla.
<i>Epidendrum</i> sp.....	Cuba.....			1	Fla.
<i>Uredo jatrophicola</i> Arth.:					
<i>Jatropha curcas</i> (Barbados nut).....	Puerto Rico.....		1		N. Y.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium varicosum rogersi</i> (orchid).....	Brazil.....			1	N. J.
<i>Oncidium</i> sp.....	Guatemala.....			1	Fla.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla planifolia</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Vanilla</i> sp.....	do.....			1	Fla.
<i>Uredo stylosanthi</i> P. Henn.:					
<i>Stylosanthes</i> sp.....	Ethiopia.....			1	D. C.
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....			1	N. J.
<i>Colchicum autumnale album</i> (white autumn-crocus).....	do.....			1	N. J.
<i>Colchicum autumnale major</i> (giant autumn-crocus).....	do.....			1	N. J.
<i>Uromyces betae</i> (Pers.) Lev.:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Uromyces phaseoli</i> (Pers.) Wint. var. <i>typica</i> Arth.:					
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		1		Wash.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Uromyces trifolii</i> (Hedw. f.) Lev.:					
<i>Trifolium</i> sp. (clover).....	Greece.....			1	Calif.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ustilago bullata</i> Berk.: <i>Bromus</i> sp.	Argentina			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.: <i>Hordeum vulgare</i> (barley)	Afghanistan			1	D. C.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat)	do			1	D. C.
<i>Verticillium buxi</i> (Lk.) Auers. & Fleischck: <i>Buxus</i> sp.	Canada, Netherlands			3	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime)	India	1			Hawaii
<i>Citrus aurantifolia</i> (sour lime)	India, Japan, Malaysia, Philippines		4		Calif.* , Mass., N. Y.
<i>Citrus grandis</i> (pummelo)	Thailand		2		Wash.
<i>Citrus limon</i> (lemon)	Japan		16		Calif.* , Ha- waii, La., N. Y., Wash.
<i>Citrus paradisi</i> (grapefruit)	India, Japan		7		Calif.* , Tex.
<i>Citrus paradisi</i> (pomelo)	India		1		Mass.
<i>Citrus reticulata</i> (Mandarin orange)	China	2			Calif.*
<i>Citrus sinensis</i> (orange)	Ceylon, China, Formosa (?), Japan	14	33		Calif.* , Fla.* , Pa., Wash.
<i>Citrus</i> sp.	China	1			D. C.
<i>Xanthomonas</i> sp. (?) (Cancrosis "B"): <i>Citrus limon</i> (lemon)	Argentina		6		Fla.* , Md., Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif.*

Hosts and Diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACER:

Tubercularia vulgaris (Deuteromycetes)

AERIDES:

Diplodia paraphysaria (Deuteromycetes)

AGAPANTHUS:

Meloidogyne incognita var. *acrita* (Nematoda)

A GAVE:

Botryosphaeria agaves (Ascomycetes)

Colletotrichum agaves (Deuteromycetes)

Coniothyrium concentricum (Deuteromycetes)

Microdiplodia agaves (Deuteromycetes)

Stagonospora macrospora (Deuteromycetes)

A GROPYRON:

Selenophoma donacis (Deuteromycetes)

ALLIUM CEPA:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM SATIVUM:

Sclerotium cepivorum (Deuteromycetes)

Tylenchus allii (Nematoda)

Tylenchus putrefaciens (Nematoda)

ANANAS:

Curvularia lunata (Deuteromycetes)

ANETHUM:

Cercospora anethi (Deuteromycetes)

ANTHURIUM:

Macrophoma anthurii (Deuteromycetes)

ARACHIS:

Cercospora arachidicola (Deuteromycetes)

ARAUCARIA:

Botryosphaeria berengeriana f. *araucariae* (Ascomycetes)

Botryosphaeria ribis (Ascomycetes)

Cryptospora longispora (Ascomycetes)

Gloeosporium araucariae (Deuteromycetes)

ARBUTUS:

Septoria unedonis (Deuteromycetes)

ASPARAGUS:

Meloidogyne incognita (Nematoda)

ASTILBE:

Thielaviopsis basicola (Deuteromycetes)

BAMBUSEAE:

Scirrhodopsis bambusae (Phycomycetes)

BERBERIS:

Hendersonia sarmentorum (Deuteromycetes)

Phyllosticta mahoniicola (Deuteromycetes)

BETA:

Cercospora beticola (Deuteromycetes)

Meloidogyne incognita (?)

Ramularia beticola (Deuteromycetes)

Uromyces betae (Promycetes)

BLETILLA:

Meloidogyne arenaria (Nematoda)

Meloidogyne javanica (Nematoda)

BOEHMERIA:

Pyrenochaeta erysiphoides (Deuteromycetes)

BORASSUS:

Graphiola borassi (Promycetes)

BOTHRIOCHLOA:

Cerebella andropogonis (Deuteromycetes)

Hosts and Diseases—Continued

- BRASSICA RAPA:**
Meloidogyne arenaria (Nematoda)
- BROMELIAD:**
Pestalotia bromellicola (Deuteromycetes)
- BROMUS:**
Ustilago bullata (Promycetes)
- BUXUS:**
Phomopsis stictica (Deuteromycetes)
Phyllosticta querswaldii (Deuteromycetes)
Verticillium buxi (Deuteromycetes)
Volvetella buxi (Deuteromycetes)
- CAMELLIA:**
Pestalotia guepini (Deuteromycetes)
Phyllosticta camelliae (Deuteromycetes)
- CAPSICUM:**
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CASTANEA:**
Phyllosticta maculiformis (Deuteromycetes)
- CATTLEYEA:**
Phylospora camptospora (Ascomycetes)
- CEANOTHUS:**
Oospora candidula var. *carpogena* (Deuteromycetes)
- CHAMAEDOREA:**
Aschersonia basicystis (Deuteromycetes)
- CHENOPODIUM:**
Cercospora anthelmintica (Deuteromycetes)
- CHRYSANTHEMUM:**
 "Chrysanthemum virus Q"
Meloidogyne hapla (Nematoda)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
 "Tomato aspermy virus"
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Coniothecium citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
- CITRUS GRANDIS:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phytophthora parasitica (Phycomycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancrosis "B") (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancrosis "B")
- CITRUS RETICULATA:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
 Leprosis
Leptosphaeria citricola (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
 Leprosis
Meliola citricola (Ascomycetes)
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP (orange):**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
- COCOS:**
Diplodia coccocarpa (Deuteromycetes)
Echinodes cocos (Ascomycetes)
Macrophoma cocos (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocos (Deuteromycetes)
- COELOGYNE:**
Phylospora camptospora (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Melanospora zamiae (Ascomycetes)
- CORDIA:**
Cercospora cordiae (Deuteromycetes)
- CORDYLINE:**
Phyllosticta dracaenae (Deuteromycetes)
- CORYPHANTHA:**
Mycosphaerella opuntiae (Ascomycetes)
Phyllosticta cacti (Deuteromycetes)
- CROCUS:**
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:**
Cercospora cryptomeriae (Deuteromycetes)
Pestalotia funerea (Deuteromycetes)
- GYMBIDIUM:**
Memnoniella echinata (Deuteromycetes)
Neocosmospora vasinfecta (Ascomycetes)
Phylospora orchidearum (Ascomycetes)
Phylospora wildemaniana (Ascomycetes)
Septoria posekensis (Deuteromycetes)
- GYMBOFOGON:**
Nigrospora oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
- CYNARA:**
Albugo tragopogonis (Phycomycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Meloidogyne arenaria (Nematoda)
Meloidogyne exigua (Nematoda)
Meloidogyne incognita (Nematoda)
Meloidogyne javanica (Nematoda)
Papulaspora parasitica (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- DAPHNE:**
Discosia artocreas (Deuteromycetes)
- DAUCUS:**
Meloidogyne incognita (?)
- DELPHINIUM:**
Meloidogyne hapla (Nematoda)
- DIANTHUS:**
Puccinia arenariae (Promycetes)
Septoria dianthi (Deuteromycetes)
Sporocybe tessulata (Ascomycetes)
- DIEFFENBACHIA:**
Panagrolaimus rigidus (?) (Nematoda)
- DIOSCOREA:**
Meloidogyne incognita (Nematoda)
- ELEOCHARIS:**
Endoconidiophora adiposa (Ascomycetes)
Stilbum incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Uredo guacae (?) (Promycetes)
- ERIOBOTRYA:**
Fusicladium eribotryae (Deuteromycetes)
- EUONYMUS:**
Sclerotium eonymi (Deuteromycetes)
- FATSHEDERA:**
Phyllosticta hedericola (Deuteromycetes)
- FEROCACTUS:**
Leptosphaeria opuntiae (Ascomycetes)
- FESTUCA:**
Claviceps purpurea (Phycomycetes)

Hosts and Diseases—Continued

- FICUS:**
Diaporthe eres (Ascomycetes)
- FOENICULUM:**
Fusicladium depressum (Deuteromycetes)
- FRAGARIA:**
Mycosphaerella fragariae (Ascomycetes)
- FRAXINUS:**
Cucurbitaria fraxini (Ascomycetes)
- GARDENIA:**
Omphalia florida (Deuteromycetes)
- GAULTHERIA:**
Phyllosticta gaultheriae (Deuteromycetes)
- GENTIANA:**
Leptothyrium gentianicola var. *olivaceum* (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Papulaspora coprophila (Deuteromycetes)
Papulaspora dodgii (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Septoria gladioli (Deuteromycetes)
Sternophyllum botryosum (Deuteromycetes)
- GYP SOPHILA:**
Phoma gypsophilae (Deuteromycetes)
- HEDE RA:**
Phyllosticta hedericola (Deuteromycetes)
- HED YCHIUM:**
Meloidogyne incognita var. *acrita* (?)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
Phomopsis hellebori (Deuteromycetes)
- HEPATICA:**
Meloidogyne hapla (Nematoda)
- HEUCHERA:**
Colletotrichum heucherae (Deuteromycetes)
- HORDEUM:**
Ustilago hordei (Promycetes)
- ILEX:**
Trochila ilicis (Ascomycetes)
- INDOCALAMUS:**
Colletotrichum graminicolum (Deuteromycetes)
- INULA:**
Puccinia hieracii (Promycetes)
- IPOMOEA:**
Macrophomina phaseolina (Deuteromycetes)
- IRIS:**
Colletotrichum lilacearum (Deuteromycetes)
Heterosporium iridis (Deuteromycetes)
Leptosphaeria heterospora (Ascomycetes)
Macrophomina phaseolina (Deuteromycetes)
Phoma iridina (Deuteromycetes)
Puccinia iridis (Promycetes)
- IXIA:**
Macrophomina phaseolina (Deuteromycetes)
- JATROPHA:**
Uredo jatrophiicola (Promycetes)
- JUNIPERUS:**
Gymnosporangium haraeum (Promycetes)
Lophodermium juniperinum (Ascomycetes)
- LABURNOCYTISUS:**
Coniothyrium cytissellum (Deuteromycetes)
- LABURNUM:**
Coniothyrium laburnophilum (Deuteromycetes)
Cylindrocarpon mali (Deuteromycetes)
- LAELLA:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo behnickiana (Promycetes)
- LANTANA:**
Puccinia lantanae (Promycetes)
- LESPEDeza:**
Pestalotia lespedezae (Deuteromycetes)
- LEUCADENDRON:**
Cercospora protearum (Deuteromycetes)
- LEUCOTHOE:**
Ceuthospora lunata (Deuteromycetes)
Diaporthe eres (Ascomycetes)
Diplodina leucothoes (Deuteromycetes)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilacearum (Deuteromycetes)
Triphragmium dependens (Deuteromycetes)
- LINUM:**
Colletotrichum lini (Deuteromycetes)
- LYCOPERSICON:**
Myrothecium roridum (Deuteromycetes)
- MACROZAMIA:**
Botryosphaeria ribis (Ascomycetes)
Pestalotia cycadis (Deuteromycetes)
- MAGNOLIA:**
Diaporthe eres (Ascomycetes)
Phyllosticta cookii (Deuteromycetes)
- MAHONIA:**
Cumminsia sanguinea (Promycetes)
- MALUS:**
Botryosphaeria ribis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilia fructigena (Ascomycetes)
- MAMMILLARIA:**
Meloidogyne incognita (?) (Nematoda)
- MANGIFERA:**
Pestalotia virgata (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Peronospora trifoliorum (Ascomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)
- MILTONIA:**
Microthyriella guianensis (Ascomycetes)
- MORAEA:**
Macrophomina phaseolina (Deuteromycetes)
- MORUS:**
Cercospora mori (Deuteromycetes)
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Meloidogyne incognita (Nematoda)
- NARCISsus:**
Fusarium oxysporum f. *narcissi* (Deuteromycetes)
Ophiostoma naricissi (Ascomycetes)
- NERIUM:**
Pseudomonas tonelliiana (Schizomycetes)
- ONCIDIUM:**
Macrophoma oncidii (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo oncidii (Promycetes)
- ONOBRYCHIS:**
Pleospora herbarum (Ascomycetes)
- ORCHID:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Physalospora orchidearum (Ascomycetes)
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-hirsoides (Promycetes)
Sclerotium ornithogali (Deuteromycetes)
- ORYZA:**
Curvularia lunata (Deuteromycetes)
Entyloma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Sclerotium oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)
- OSMANTHUS:**
Phyllosticta osmanthicola (Deuteromycetes)
- PAEONIA:**
"Peony virus"
Thielaviopsis basicola (Deuteromycetes)
- PALM:**
Aschersonia basicystis (Deuteromycetes)
- PASPALUM:**
Cerebella andropogonis (Deuteromycetes)
Cerebella paspali (Deuteromycetes)
Claviceps paspali (Ascomycetes)
- PASTINACA:**
Meloidogyne incognita var. *acrita* (Nematoda)
- PERSEA:**
Botryosphaeria ribis (Ascomycetes)
Cercospora purpurea (Deuteromycetes)
Phoma persicae (Deuteromycetes)
- PHASEOLUS:**
Elsinoe phaseoli (Ascomycetes)
Uromyces phaseoli var. *typica* (Promycetes)

Hosts and Diseases—Continued

PHILODENDRON:

- Cercospora aricola* (Deuteromycetes)
- Colletotrichum philodendri* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Phyllosticta philodendri* (Deuteromycetes)

PHOENIX:

- Mycosphaerella washingtoniae* (Ascomycetes)
- Pestalotia palmarum* (Deuteromycetes)
- Phomopsis phoenicola* (Deuteromycetes)

PHRAGMITES:

- Dasyscypha phragmiticola* (Ascomycetes)
- Fusarium phragmiticola* (Deuteromycetes)

PICEA:

- Phomopsis conorum* (Deuteromycetes)

PINUS:

- Ceratostomella ips* (?) (Ascomycetes)
- Lophodermium pinastri* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)
- Pestalotia peregrina* (Deuteromycetes)

PIPER:

- Cercospora piperis* (Deuteromycetes)

PISTACIA:

- Phleospora pistaciae* (Deuteromycetes)

PISUM:

- Pseudomonas seminum* (Schizomycetes)
- Sclerotinia minor* (Ascomycetes)

POA:

- Tilletia paradoxa* (Promycetes)

POGOSTEMON:

- Meloidogyne incognita* var. *acrita* (Nematoda)

PORTULACA:

- Albugo portulacae* (Phycomycetes)

PRIMULA:

- Ramularia primulae* (Deuteromycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

PRUNUS DOMESTICA:

- Monilinia fructicola* (Ascomycetes)
- Monilinia fructigena* (Ascomycetes)

PRUNUS PERSICA:

- Coryneum carpophilum* (Deuteromycetes)

PRUNUS SP. (cherry):

- Monilinia fructigena* (Ascomycetes)

PRUNUS SP.

- Trochila laurocerasi* (Ascomycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)

PUNICA:

- Cercospora lythracearum* (Deuteromycetes)
- Sphaeloma punicea* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

RHODODENDRON:

- Cercospora handellii* (Deuteromycetes)
- Ceuthospora lunata* (Deuteromycetes)
- Chrysomya rhododendri* (Promycetes)
- Diplodina eurhododendri* (Deuteromycetes)
- Gloeosporium rhododendri* (Deuteromycetes)
- Pestalotia macrotricha* (Deuteromycetes)
- Pestalotia rhododendri* (Deuteromycetes)
- Phyllosticta saccardoi* (Deuteromycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- Cronartium ribicola* (Promycetes)
- Pestalotia truncata* (Deuteromycetes)
- Septoria ribis* (Deuteromycetes)

ROSA:

- Coryneum microstictum* (Deuteromycetes)
- Hainesia lythri* (Deuteromycetes)
- Phragmidium disciflorum* (Promycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)

SALIX:

- Cryptodiaportha salicella* (Ascomycetes)

SANICULA:

- Physoderma pluriannulatum* (Phycomycetes)

SCHOMBURGKIA:

- Sphenospora kevorkianii* (Promycetes)

SCIRPUS:

- Puccinia oblecta* (Promycetes)

SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

SENECIO:

- Coleosporium senecionis* (Promycetes)

SINNINGIA:

- Thielaviopsis basicola* (Deuteromycetes)

SMYRNIUM:

- Puccinia smyrnii* (Promycetes)

SOIL:

- Heterodera anenae* (Nematoda)
- Heterodera cacti* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)
- Heterodera schachtii* (Nematoda)
- Heterodera trifolii* (Nematoda)
- Meloidogyne hapla* (Nematoda)

SOLANUM:

- Gliomastix convoluta* (Deuteromycetes)
- Meloidogyne arenaria* (Nematoda)
- Memnoniella echinata* (Deuteromycetes)
- Oospora pustulans* (Deuteromycetes)
- Trichoderma tignorum* (Deuteromycetes)

SORBUS:

- Gymnosporangium juniperi* (Promycetes)

SORGHUM:

- Ascochyta sorghina* (Deuteromycetes)
- Gloeocercospora sorghi* (Deuteromycetes)
- Sphaelotheca sorghi* (Promycetes)

SPATHYPHYLLUM:

- Macrophoma anthurii* (Deuteromycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STYLOSANTHES:

- Uredo stylanthis* (Promycetes)

SYNGONIUM:

- Phyllachora engleri* (Ascomycetes)

TARAXACUM:

- Ramularia taraxaci* (Deuteromycetes)

THRINAX:

- Catacauma palmicola* (Ascomycetes)

TRIFOLIUM:

- Gymadothea trifolii* (Ascomycetes)

TRITICUM:

- Fusarium graminearum* (Deuteromycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritica* (Promycetes)
- Tilletia caries* (Promycetes)
- Tilletia foetida* (Promycetes)
- Ustilago tritici* (Promycetes)

TULIPA:

- Thielavia terricola* (Ascomycetes)

URGINEA:

- Alternaria porri* (Deuteromycetes)

VACCINIUM:

- Pucciniastrum vaccinorum* (Promycetes)
- Sporonema ozyccoci* (Deuteromycetes)

VANDA:

- Hendersonia importata* (Deuteromycetes)

VANILLA:

- Uredo scabiei* (Promycetes)

VIBURNUM:

- Phyllosticta lentiginis* (Deuteromycetes)

VIOLA:

- Colletotrichum violae-tricoloris* (Deuteromycetes)
- Phyllosticta violae* (Deuteromycetes)
- Puccinia violae* (Promycetes)

VITIS:

- Pleospora herbarum* (Ascomycetes)

WATSONIA:

- Tritirachium dependens* (Deuteromycetes)

WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Diaporthe eres* (Ascomycetes)

YUCCA:

- Pleospora thuemeniana* (Ascomycetes)

ZENOBIA:

- Ascochyta ledi* (Deuteromycetes)

ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Pythium butleri* (Phycomycetes)
- Stilbum incarnatum* (Deuteromycetes)
- Tritirachium dependens* (Deuteromycetes)

Hosts Unknown

BARK:

- Schizophyllum commune* (Basidiomycetes)

Countries of Origin and Diseases

AFGHANISTAN:

Tilletia caries
Ustilago hordei
Ustilago tritici

AFRICA:

Pseudopeziza medicaginis

ALGERIA:

Fusicladium depressum

ARGENTINA:

Clariceps paspali
Coleosporium senecionis
Elsinoe australis
Meloidogyne incognita (?)
Septoria citri
Ustilago bullata
Xanthomonas sp. (?) (Cancrosis "B")

AUSTRALIA:

Alternaria citri
Botryosphaeria ribis
Cerebella paspali
Colletotrichum liliacearum
Cryptospora longispora
Leptosphaeria heterospora
Meloidogyne exigua
Meloidogyne javanica
Papulaspora parasitica
Pestalotia cycadis
Phoma citricarpa
Septoria citri
Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Phomopsis conorum
Phyllosticta auerswaldii
Tilletia caries

AZORES:

Septoria dianthi

BELGIUM:

Heterodera punctata
Heterodera rostochiensis
Phyllosticta hedericola
Pseudomonas marginalis
Thielaviopsis basicola

BERMUDA:

Macrophoma anthurii
Pleospora thuemeniana
Puccinia lantanae

BORNEO:

Macrophomina phaseolina

BRAZIL:

Cercospora coffeicola
Diplodia paraphysaria
Elsinoe australis
Pestalotia bromelicola
Septobasidium pseudopedicellatum
Uredo oncidii

BRITISH GUIANA:

Cercospora musae

BRITISH HONDURAS:

Phyllachora engleri

CANADA:

Botrytis gladiolorum
Coryneum microstictum
Cronartium ribicola
Cumminsia sanguinea
Fusarium oxysporum f. *gladioli*
Leptosphaeria heterospora
Lophodermium pinastri
Puccinia violae
Verticillium buxi
Volutella buxi

CANAL ZONE:

Cotacauma palmicola
Meloidogyne incognita var. *acrita* (?)
Uredo scabies

CANARY ISLANDS:

Heterodera rostochiensis

CAPE VERDE ISLANDS:

Diplodia theobromae

CEYLON:

Meliola citricola
Xanthomonas citri

CHILE:

Meloidogyne arenaria

CHINA:

Botryosphaeria ribis
Collectotrichum graminicolum
Endoconidiophora adiposa
Gliomastix convoluta
Melanospora zamiae
Meliola citricola
Memnoniella echinata
Nigrospora sphaerica
Pestalotia lespedezae
Phoma citricarpa
Septoria citri
Xanthomonas citri

COSTA RICA:

Cercospora musae
Macrophoma musae
Microthyriella guianensis
Pestalotia conspicua
Phyllosticta philodendri

CUBA:

Asperisporium caricae
Elsinoe phaseoli
Helminthosporium oryzae
Uredo guacae (?)

DENMARK:

Cercospora anethi
 "Chrysanthemum virus Q"
Coniothyrium laburnophilum
Dasycephala phragmiticola
Fusarium phragmiticola
Heterodera punctata
Heterodera rostochiensis
 "Tomato aspermy virus"

EGYPT:

Leprosis

ENGLAND:

Ceratostomella ips (?)
Chrysomyza rhododendri
Colletotrichum heucherae
Colletotrichum liliacearum
Colletotrichum violae-tricoloris
Coniothyrium hellebori
Diplodia euehododendri
Fusarium oxysporum f. *gladioli*
Gloeosporium araucariae
Hendersonia samentorum
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Leptosphaeria heterospora
Leptothyrium gentianicola var. *olivaceum*
Monilinia fructigena
Oospora candidula var. *carpogena*
Puccinia arenariae
Pucciniastrum vacciniorum
Sporocybe tessulata
Sporonema ozyococi
Trochila laurocerasi

ETHIOPIA:

Alternaria porri
Peronospora trifoliorum
Tilletia foetida
Uredo stylanthidis

EUROPE:

Heterodera punctata

FINLAND:

Oospora pustulans

FORMOSA:

Gliomastix convoluta
Melanospora zamiae
Memnoniella echinata
Stilbum incarnatum
Xanthomonas citri

FRANCE:

Alternaria citri
Botryosphaeria berengeriana var. *araucariae*
Cryptodiaportha salicella
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora

Countries of Origin and Diseases—Continued

FRANCE—Continued

Monilinia fructigena
Mycosphaerella fragariae
Puccinia smyrnii
Sclerotium cepivorum
Septoria azaleae

FRENCH WEST AFRICA:

Meloidogyne incognita (?)

GERMANY:

Chrysomyza rhododendri
Fusarium oxysporum f. *gladioli*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Papulaspora dodgei
Pseudomonas morphinata
Ramularia taraxaci
Sclerotinia kerneri

GREECE:

Pleospora herbarum
Pseudomonas syringae
Sclerotinia kerneri
Septoria unedonii
Uromyces trifolii

GUAM:

Diplodia coccocarpa
Phomopsis cocoes
Pythium butleri

GUATEMALA:

Gloeosporium piperatum
Macrophoma oncidii
Phyllosticta laetiae
Uredo guacae (?)
Uredo oncidii

HAITI:

Leprosia
Phyllosticta mortoni

HASHEMITE KINGDOM OF JORDAN:

Leptosphaeria heterospora
Macrophoma phaseolina

HAWAII:

Botryosphaeria ribis
Diplodia coccocarpa
Helminthosporium oryzae
Macrophoma cocos
Macrophoma musae
Melanospora zamiae
Pestalotia palmarum
Phomopsis capsici
Phomopsis cocoes
Sphaceloma fawcettii

HUNGARY:

Chrysomyza rhododendri

INDIA:

Colletotrichum lilacearum
Curvularia lunata
Graphiola borassi
Helminthosporium oryzae
Meloidogyne arenaria
Meloidogyne incognita
Memnoniella echinata
Neocosmospora vasinfecta
Physalospora camptospori
Physalospora orchidearum
Physalospora wilde maniana
Septoria posekensis
Tritirachium dependens
Xanthomonas citri

INDONESIA:

Nigrospora oryzae

IRELAND:

Discosia artocreas
Heterodera punctata
Heterodera rostochiensis
Ophiostoma narcissi
Phyllosticta hedericola

ISRAEL:

Claviceps purpurea

ITALY:

Cercospora beticola
Colletotrichum agaves
Diaporthe eres

ITALY—Continued

Fusicladium eriobotryae
Leptosphaeria rusci
Lophodermium juniperinum
Mycosphaerella citrullina
Phyllosticta masculiformis
Phytophthora tonelliana
Sclerotium cepivorum
Uromyces betae
Septoria citri

JAPAN:

Alternaria citri
Botrytis elliptica
Botrytis gladiolorum
Cercospora cryptomeriae
Colletotrichum lilacearum
Coniothyrium olivaceum
Diaporthe eres
Entyloma oryzae
Fusarium graminearum
Gliomasti convoluta
Gymnosporangium haraezanum
Helminthosporium oryzae
Leptosphaeria citricola
Lophodermium pinastri
Macrophoma phaseolina
Melanospora zamiae
Meliola citricola
Meloidogyne arenaria
Meloidogyne incognita
Meloidogyne incognita var. *acrita*
Meloidogyne japonica
Memnoniella echinata
Mycosphaerella schoenoprasii
Mycosphaerella washingtoniae
Nigrospora sphaerica
Papulaspora coprophila
Pestalotia funerea
Pestalotia guepini
Pestalotia palmarum
Pestalotia peregrina
Pestalotia rhododendri
Phaeosphaeria oryzae
Phoma citricarpa
Phoma gypsophilae
Phomopsis phoenicicola
Phyllosticta ca melliae
Puccinia chrysanthemi
Pyrenochaeta erysiphoides
Pyrenochaeta oryzae
Schizophyllum commune
Scirrhodopsis bambusae
Septoria chrysanthemi
Septoria citri
Sphaceloma fawcettii
Stilbum incarnatum
Thielavia terricola
Trichoderma lignorum
Tritirachium dependens
Uromyces phaseoli var. *typica*
Xanthomonas citri

JAVA:

Nigrospora sphaerica

KENYA:

Cerebella andropogonis

KOREA:

Pestalotia guepini
Sclerotium oryzae

LEBANON:

Puccinia hieracii

MALAYSIA:

Xanthomonas citri

MEXICO:

Albugo portulacae
Alternaria citri
Aschersonia basicystis
Ascochyta sorghina
Botryosphaeria agaves
Botryosphaeria ribis
Cercospora anthelmintica
Cercospora arachidicola
Cercospora aricola
Cercospora coffeicola

Countries of Origin and Diseases—Continued

MEXICO—Continued

Cercospora cordiae
Cercospora mori
Cercospora musae
Cercospora piperis
Cercospora purpurea
Colletotrichum agaves
Colletotrichum philodendri
Coniothyrium concentricum
Coniothecium citri
Coryneum carpophilum
Cucurbitaria frazzini
Curcularia lunata
Diplodia paraphysaria
Gliomastix conivoluta
Gloeocercospora sorghi
Gloeosporium leguminum
Heterodera cacti
Leprosis
Leptosphaeria opuntiae
Leptothyrium pomi
Macrophoma musae
Meloidogyne arenaria
Meloidogyne incognita
Memmonia echinata
Microdiplodia agaves
Monilinia fructicola
Mycosphaerella opuntiae
Myriangium duriei
Myrothecium roridum
Omphalia flavida
Panagrolaimus rigidus (?)
Peronospora effusa
Pestalotia conspicua
Pestalotia virgatula
Phoma persicae
Phoma pomorum
Phyllosticta cacti
Phyllosticta cookei
Phyllosticta gaultheriae
Phyllosticta mortoni
Physalospora campispora
Physalospora orchidearum
Physothermum pluriannullatum
Puccinia obtecta
Septoria gladioli
Sphaceloma fawcettii
Sphaceloma puniceae
Stagonospora macrospora
Stemphylium botryosum
Tylenchus allii
Tylenchus putrefaciens
Uredo behnckiana
Uromyces striatus var. *medicaginis*

MOZAMBIQUE:

Phoma citricarpa

NATAL:

Phoma citricarpa

NETHERLANDS:

Ascochyta ledi
Botryosphaeria berengeriana
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium cytiselum
Coniothyrium hellebori
Cryptodiplothe salicella
Cylindrocarpum mali
Diaporthe eres
Diplodina leucothoes
Fusarium oxysporum
Fusarium oxysporum f. *gladioli*
Fusicladium pyracanthae
Gloeosporium rhododendri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Meloidogyne hapla
Phomopsis hellebori
Phomopsis stictica
Phyllosticta lentiginis
Phyllosticta mahoniicola
Phyllosticta osmanthicola
 "Peony virus"

NETHERLANDS—Continued

Pestalotia macrotricha
Pestalotia rhododendri
Pestalotia truncata
Pseudomonas marginalis
Ramularia primulae
Sclerotium eonymi
Septoria azaleae
Thielaviopsis basicola
Trochila ilicis
Tubercularia vulgaris
Urocystis colchici
Verticillium buxi

NEW ZEALAND:

Cerebella andropogonis
Colletotrichum lilacearum
Heterodera trifolii
Heterosporium iridis
Leptosphaeria heterospora
Pestalotia quepini
Phoma iridina
Phyllosticta dracaenae
Septoria citri

NIGERIA:

Sphacelotheca sorghi

NICARAGUA:

Meloidogyne incognita

NORFOLK ISLAND:

Cryptospora longispora

NORWAY:

Fusarium oxysporum f. *narcissi*
Heterodera punctata
Septoria ribis

PALESTINE:

Leptosphaeria heterospora

PALMYRA ISLAND:

Echinodes coccos

PANAMA:

Leprosis
Septoria citri
Sphenospora heterokranii

PERU:

Heterodera rostochiensis

PHILIPPINES:

Melanospora zamiae
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Xanthomonas citri

PORTUGAL:

Colletotrichum lini
Cymadothea trifolii
Phragmidium disciflorum
Pseudomonas seminum
Sclerotinia minor

PUERTO RICO:

Cercospora lythracearum
Puccinia urbaniana
Uredo jatrophicola

SALVADOR:

Trematosphaeria oryzae

SCOTLAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phyllosticta saccardoii

SPAIN:

Alternaria citri
Hainesia lythri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phytophthora parasitica
Pleospora herbarum
Puccinia glutinaria
Puccinia graminis var. *tritici*
Septoria citri

SWEDEN:

Albugo tragopogonis
Gymnosporangium juniperi
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Phyllosticta violae

Countries of Origin and Diseases—Continued

SWITZERLAND:

Chrysomyxa rhododendri
Heterodera cacti
Puccinia arenariae
Puccinia gentianae

TAHITI:

Diplodia coccocarpa
Phomopsis coccos

THAILAND:

Diplodia paraphysaria
Hendersonia importata
Phoma citricarpa
Xanthomonas citri

TRINIDAD:

Diplodia paraphysaria

TURKEY:

Leptosphaeria heterospora
Phleospora pistaciae
Puccinia iridis
Ramularia beticola
Septoria gladioli
Tilletia paradoxa

UNION OF SOUTH AFRICA:

Cercospora protearum
Heterosporium ornithogali
Macrophomina phaseolina
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Puccinia ornithogali-thyrsoidea
Sclerotium ornithogali
Septoria citri
Tritirachium dependens

UNION OF SOVIET SOCIALISTIC
REPUBLICS:

Selenophoma donacis

UNKNOWN:

Elsinoe australis
Heterodera punctata
Leprosis

URUGUAY:

Elsinoe australis

VENEZUELA:

Pestalotia psidii





